

Paediatric Laboratory Medicine (Pathology)

Title: SAS BOOK REFERENCE COPY

Index: Biochemistry 80

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1, 25-dihydroxyvitamin D

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	125VITD
Other information required	
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	First class post
Turnaround Time	4 weeks
External Website	

11-deoxycortisol

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	250uL
Storage	Stable for 5 days at 2-8C or 2 months at -18C
Meditech Code	
Other information required	Please state if part of a SST test.
Postal Address	Clinical Biochemistry, 4th Floor Pathology and Pharmacy Building, 80 Newark Street, Whitechapel, London, E1 2ES.
Contact Name	
Contact Telephone Number	020 7377 7000 - bleep 1611 07821 666732
Contact Email Address	bhnt.clinbiochemadvice-barts@nhs.net
Dispatch	First class post
Turnaround Time	10 working days (48hrs urgent)
External Website	https://www.eselopathology.nhs.uk/download.cfm?doc=docm93jjjm4n5479

17-hydroxyprogesterone (17-OHP) (bloodspot)

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	1 full spot (ideally 2); 3.2mm minimum size
Storage	Room temp
Meditech Code	17OHP-BS (Timed test code available: 17OHP-BST)
Other information required	
Postal Address	Blood Sciences, Royal Victoria Infirmary, Newcastle upon Tyne Hospitals Foundation Trust, Newcastle upon Tyne, NE1 4LP
Contact Name	Christopher Boot
Contact Telephone Number	0191 282 4513
Contact Email Address	christopherboot@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	

17-hydroxyprogesterone (17-OHP) (serum)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	250uL
Storage	Stable for 5 days at 2-8C or 2 months at -18C
Mediatech Code	OHP17 (Timed test codes available: OHP0, OHP30, OHP60)
Other information required	Please state if part of a SST test. Test must not be performed at <48hrs of age.
Postal Address	Clinical Biochemistry, 4th Floor Pathology and Pharmacy Building, 80 Newark Street, Whitechapel, London, E1 2ES.
Contact Name	
Contact Telephone Number	020 7377 7000 - bleep 1611 07821 666732
Contact Email Address	bhnt.clinbiochemadvice-barts@nhs.net
Dispatch	First class post
Turnaround Time	10 working days (48hrs urgent)
External Website	https://www.eselopathology.nhs.uk/download.cfm?doc=docm93jjjm4n5479

5-hydroxyindole acetic acid (5-HIAA) (serum)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	125uL
Storage	Fridged
Meditech Code	
Other information required	Sample should be taken after overnight fast. Avoid serotonin containing foods.
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	10 working days
External Website	

5-hydroxyindole acetic acid (5-HIAA) (urine)

Discipline Responsibility	Biochemistry
Sample Type	24hr Urine (sulphuric acid preservative)
Sample Volume	10mL
Storage	Fridged
Meditech Code	HIAA
Other information required	Note 24hr urine volume in Meditech and on SAS form.
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	10 working days
External Website	

7-dehydrocholesterol (7-DHC)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	DHCHOL7
Other information required	Measurement of cholesterol should be performed prior to sending and result noted on SAS form.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	First class post
Turnaround Time	4 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

α-1-acid glycoprotein (orosomucoid)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	AAG
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

α -1-antitrypsin (faecal) (FAAT)

Discipline Responsibility	Biochemistry
Sample Type	Faeces
Sample Volume	1g (formed stool)
Storage	Frozen
Meditech Code	AATF
Other information required	
Postal Address	Immunology Laboratory and Protein Reference Unit, SWLP, Ground Floor Jenner Wing, St George's Hospital, SW17 0QT.
Contact Name	Aimee Rhodes
Contact Telephone Number	0208 725 0025
Contact Email Address	stgh-tr.stgeorgespru@nhs.net
Dispatch	Send frozen
Turnaround Time	7 working days
External Website	https://www.swlpath.nhs.uk/home/what-we-do/pathology-services-handbook/

α-1-antitrypsin activity (AAT)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	AAT
Other information required	Testing not valid within 2 weeks of blood transfusion.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	2 working days
External Website	https://pru-sheffield.org.uk/

α-1-antitrypsin genotyping (AAT)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	Testing not valid within 2 weeks of blood transfusion.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	28 working days
External Website	https://pru-sheffield.org.uk/

α-1-antitrypsin phenotyping (AAT)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	A1AT
Other information required	Testing not valid within 2 weeks of blood transfusion.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

α-2-macroglobulin

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	AMG
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

α -aminoadipic semialdehyde (AASA)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	2mL
Storage	Frozen
Meditech Code	AASA
Other information required	
Postal Address	Biochemistry Department, Institute of Child Health, 30 Guildford Street, London, WC1N 1EH.
Contact Name	Prof. Peter Clayton
Contact Telephone Number	020 7905 2628
Contact Email Address	
Dispatch	Send frozen
Turnaround Time	8 weeks
External Website	https://www.ucl.ac.uk/child-health/research/genetics-and-genomic-medicine/biological-mass-spectrometry-centre/bioanalytical-services

α-galactosidase (Fabry disease)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)/Dried Bloodspot
Sample Volume	5mL
Storage	Fridged (whole blood)/Room temp (bloodspot)
Meditech Code	FABRY/ a-GAL
Other information required	DBS samples should be used as a screening test. Sample must reach referral lab within 72hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	Special delivery (whole blood)/First class post (bloodspot)
Turnaround Time	1 week
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

α-glucosidase (Pompe disease)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)/Dried Bloodspot
Sample Volume	5mL
Storage	Fridged (whole blood)/Room temp (bloodspot)
Meditech Code	POMPE/ POMPE FOLLOW UP
Other information required	DBS samples should be used as a screening test. Liquid blood sample must reach referral lab within 48hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	Special delivery (whole blood) / First class post (bloodspot)
Turnaround Time	2 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Active B12 (holotranscobalamin)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Haemostasis and Thrombosis Department, 4th Floor, North Wing, St Thomas' Hospital, Westminster Bridge Road, London, SE1 7EH.
Contact Name	Robert Gibson
Contact Telephone Number	0207 188 6815
Contact Email Address	agata.malefora@viapath.co.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Acute Proyelocytic Leukaemia (APML)

Discipline Responsibility	Haematology
Sample Type	Bone Marrow
Sample Volume	8mL (Bone Marrow, EDTA) with 16mL (Blood, EDTA)
Storage	
Meditech Code	
Other information required	Samples need to be sent immediately by first class post (special delivery) as they are unsuitable after 24-48hrs. 20-30mL blood may also be required and should be specified at time of collection. Special request form should be completed.
Postal Address	Yashma Patel, Department of Haematology, University College, 2nd Floor, 60 Whitfield Street, London, W1T 4EU.
Contact Name	Dr. Yvonne Morgan
Contact Telephone Number	0207 188 1275
Contact Email Address	yvonne.g.morgan@gstt.nhs.uk
Dispatch	Special delivery (next day)
Turnaround Time	2 weeks
External Website	

Acylcarnitine (Post Mortem - Bile)

Discipline Responsibility	Biochemistry
Sample Type	Guthrie card, 2 full spots.
Sample Volume	
Storage	
Meditech Code	
Other information required	Bile with paired blood spot
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	4-6 weeks
External Website	

Acylcarnitine (Derivatised)

Discipline Responsibility	
Sample Type	Blood spot
Sample Volume	
Storage	Room temp
Meditech Code	
Other information required	Use only for confirmation of Newborn Screening results or other equivocal acylcarnitine profiles.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Teresa Wu
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	First class post
Turnaround Time	2 working weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Acylcarnitine (Post Mortem - Blood)

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	Ideally 2 full spots
Storage	Room temp or fridged with desiccant
Meditech Code	ACYLCARN PM
Other information required	
Postal Address	Dept of Blood Sciences, Royal Victoria Infirmary, Queen Victoria Road, Newcastle Upon Tyne, Tyne and Wear, NE1 4LP.
Contact Name	Dr. Ann Bowron
Contact Telephone Number	0191 282 4566
Contact Email Address	annbowron@nhs.net
Dispatch	First class post
Turnaround Time	1 week
External Website	http://secure.newcastlelaboratories.com/test-directory/test/acyl-carnitines-blood/

Acylcarnitine (Urine)

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	Test no longer available at Newcastle Hospital
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

ADA2 (adenosine deaminase 2)

Discipline Responsibility	
Sample Type	Serum (Li Hep samples are not suitable)
Sample Volume	
Storage	Fridged (if being sent same/next day) / separate serum & freeze at -800 C if delay in sending
Meditech Code	
Other information required	Specific request form needs completing
Postal Address	Supraregional Service for Molecular Diagnosis of Primary Immune Deficiencies Department of Immunology Level 2 Camelia Botnar Laboratories, Great Ormond Street Hospital, London WC1N 3JH
Contact Name	
Contact Telephone Number	0207 829 8835
Contact Email Address	
Dispatch	First class post (if sending same / next day) / dry ice if sending frozen sample
Turnaround Time	
External Website	https://media.gosh.nhs.uk/documents/Immunology_Request_Form_-_Molecular_PID.doc

ADAMTS-13

Discipline Responsibility	Haematology
Sample Type	Plasma (Citrated)
Sample Volume	500uL (3 aliquots)
Storage	Frozen
Meditech Code	
Other information required	Sample should be double spun.
Postal Address	Coagulation Department, Haematology, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Mariam Waite
Contact Telephone Number	0151 706 4967
Contact Email Address	mariam.waite@rlubt.nhs.uk
Dispatch	Send frozen
Turnaround Time	3 weeks
External Website	

Aldosterone

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA/Lithium Heparin)
Sample Volume	500uL
Storage	Frozen with 30mins of collection
Meditech Code	ALDO
Other information required	
Postal Address	Specialist Biochemistry, Level C, Lab and Path Block, Southampton General Hospital, Tremona Road, Southampton, SO16 6YD
Contact Name	Robert Stevens
Contact Telephone Number	02381 208717
Contact Email Address	labresults@uhs.nhs.uk / UHS.dutybiochemist@uhs.nhs.uk
Dispatch	Send frozen
Turnaround Time	5 working days
External Website	

Alloisoleucine

Discipline Responsibility	Biochemistry
Sample Type	Send original NBS screening sample.
Sample Volume	
Storage	Room temp
Meditech Code	
Other information required	For confirmation of Newborn Screening suspected MSUD
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Teresa Wu
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	First class post
Turnaround Time	4 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Alkaline Phosphatase (ALP) Isoenzymes

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	ALPISO
Other information required	Test only required if ALP raised. Supply ALP result and reference range on SAS form.
Postal Address	Central Specimen Reception, c/o Clinical Biochemistry, Clinical Sciences Building 3, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	
Contact Telephone Number	Adult: 0161 701 8891 Paediatric: 0161 701 2255 (or 0161 276 1234 - bleep 8013)
Contact Email Address	duty.biochemist@mft.nhs.uk duty.paedbiochemist@mft.nhs.uk
Dispatch	First class post
Turnaround Time	3 weeks
External Website	

Alpha-subunit

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	300uL
Storage	Fridged (stable for 5 days)
Meditech Code	
Other information required	
Postal Address	Dept of Biochemistry, Queen Elizabeth Hospital Birmingham, Mindelsohn Way, Edgbaston, Birmingham, B15 2GW.
Contact Name	Briony Johnson
Contact Telephone Number	0121 371 6543
Contact Email Address	briony.johnson2@uhb.nhs.uk
Dispatch	First class post
Turnaround Time	15 working days
External Website	

Aluminium

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	
Storage	Fridged
Meditech Code	AL
Other information required	
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	Nicola Barlow
Contact Telephone Number	0121 507 3517
Contact Email Address	BCPSpathology.info@nhs.net
Dispatch	
Turnaround Time	
External Website	

Amiodarone/Desethylamiodarone

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA, no gel)
Sample Volume	500uL
Storage	Fridged
Meditech Code	AMIO
Other information required	
Postal Address	Cardiff Toxicology Laboratories, 4th Floor, Routledge Academic Centre, University Hospital Llandough, Penlan Road, Llandough, CF64 2XX.
Contact Name	
Contact Telephone Number	029 2071 6894
Contact Email Address	
Dispatch	First class post
Turnaround Time	7 working days
External Website	

Amylase Isoenzymes/Macroamylase

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	500uL
Storage	Frozen
Meditech Code	
Other information required	
Postal Address	Chemical Pathology Reception, Level 1, Camelia Botnar Building, Great Ormond Street Hospital, Great Ormond Street, London, WC1N 3JH
Contact Name	Katie Harvey
Contact Telephone Number	0207 762 6751/0207 405 9200 ext. 1785
Contact Email Address	BainbK@gosh.nhs.uk
Dispatch	Send frozen
Turnaround Time	5 weeks
External Website	

Amyloid A

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	AMYLOID
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Androstenedione/ A4

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	250uL
Storage	Fridged
Meditech Code	ANDRO (DHEAS and Androstendione: DHEASA4)
Other information required	
Postal Address	Clinical Biochemistry, 4th Floor Pathology and Pharmacy Building, 80 Newark Street, Whitechapel, London, E1 2ES.
Contact Name	
Contact Telephone Number	020 7377 7000 - bleep 1611 07821 666732
Contact Email Address	bhnt.clinbiochemadvice-barts@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.eselpathology.nhs.uk/download.cfm?doc=docm93jjjm4n5479

Angiotensin Converting Enzyme (ACE)

Discipline Responsibility	Biochemistry
Sample Type	Serum (preferred)/Plasma (Lithium Heparin)
Sample Volume	300uL
Storage	Frozen
Meditech Code	ACE
Other information required	Sample must be separated and frozen within 2hrs of collection. Samples can be transported on ice packs; dry ice not required. Stable for 4 weeks at 4 degrees C, 6 months at -20 degrees C
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport (frozen on ice packs)
Turnaround Time	28 working days
External Website	

Angiotensin Converting Enzyme (ACE) (CSF)

Discipline Responsibility	Biochemistry
Sample Type	CSF
Sample Volume	500uL
Storage	Frozen
Meditech Code	CSF ACE
Other information required	
Postal Address	Neurometabolic Unit, 6th Floor, Institute of Neurology, Queen Square House, Queen Square, London WC1N 3BG
Contact Name	Mr. Nana Ghansah
Contact Telephone Number	0203 44 83835/83818
Contact Email Address	uclh.enquiry.neurometabolic@nhs.net
Dispatch	First class post
Turnaround Time	10 working days
External Website	

Anti-Acetylcholine Receptor Antibodies (ACHR)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	50uL
Storage	Fridged
Meditech Code	ACRAB
Other information required	
Postal Address	Neuroimmunology, The Walton Centre NHS Foundation Trust, Lower Lane, Fazakerley, Liverpool, L9 7LJ
Contact Name	Mr. Edward Jackson
Contact Telephone Number	0151 556 3262
Contact Email Address	wcf-tr.neurobiochemistry@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	https://www.thewaltoncentre.nhs.uk/neuroscience-laboratories.htm

Anti-Adrenal Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	ADABS
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Anti-C1q Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	C1QABS
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Anti-Cyclic Citrullinated (CCP) Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	ANTI CCP
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	3 working days
External Website	https://pru-sheffield.org.uk/

Anti-fungal drugs (Flucytosine, Fluconazole, Itraconazole, Posconazole, Voriconazole)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	50uL
Storage	Fridged
Meditech Code	VORICON/ POZACON/ FLUCON/ ITRACON
Other information required	
Postal Address	Mycology Reference Centre Manchester, 2nd Floor Laboratories, Education & Research Centre, Wythenshawe Hospital, Southmoor Road, Wythenshawe, Manchester, M23 9LT.
Contact Name	Nichola Duddy
Contact Telephone Number	0161 291 2124/5839
Contact Email Address	mrcm@mft.nhs.uk
Dispatch	DX Number: 332601, DX Exchange: Manchester 96 M
Turnaround Time	96 hours
External Website	

Anti-GAD Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	GAD
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Anti-Ganglioside Antibodies (including anti-glycolipid antibodies)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	
Other information required	Anti-ganglioside & anti-glycolipid antibodies: GM1, GM2, GD1a, GD1b, Gq1B. Used as part of the Ix into conditions such as multifocal neuropathy, Miller-Fisher syndrome and Guillain-Barre syndrome
Postal Address	Neuroimmunology and CSF Laboratory, Institute of Neurology (NHNN) Box 76, Queen Square, London, WC1N 3BG.
Contact Name	Dr. Melanie Hart
Contact Telephone Number	020 3448 3812
Contact Email Address	uclh.enquiry.nhnn-nicl@nhs.net
Dispatch	First class post
Turnaround Time	10 working days
External Website	https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/ganglioside-antibodies.aspx

Anti-IA2 Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	IA2
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Anti-Insulin Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	INSULINABS
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Anti-Islet Cell Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	ISLET
Other information required	NB. Since 1st July 2021, this test is no longer part of the diabetes auto-antibody panel test.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Anti-MOG Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	MOG
Other information required	
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Anti-Mullerian Hormone (AMH)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	250uL
Storage	Fridged (freeze if not being sent within 7 days of collection)
Meditech Code	AMH
Other information required	Send samples frozen if not sent within 7 days of sample collection
Postal Address	Central Specimen Reception, c/o Clinical Biochemistry, Clinical Sciences Building 3, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	
Contact Telephone Number	Adult: 0161 701 8891 Paediatric: 0161 701 2255 (or 0161 276 1234 - bleep 8013)
Contact Email Address	duty.biochemist@mft.nhs.uk duty.paedbiochemist@mft.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Anti-MuSK Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	MUSK
Other information required	
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Anti-Neuronal Antibodies (aka Anti-paraneoplastic antibodies)

Discipline Responsibility	Biochemistry
Sample Type	Serum or CSF
Sample Volume	50uL
Storage	Fridged
Meditech Code	ANEUROABS
Other information required	Serum is preferred sample type as CSF samples are rarely found to be positive. This test is also known as Anti-paraneoplastic antibodies.
Postal Address	Neuroimmunology, The Walton Centre NHS Foundation Trust, Lower Lane, Fazakerley, Liverpool, L9 7LJ
Contact Name	Mr. Edward Jackson
Contact Telephone Number	0151 556 3262
Contact Email Address	wcf-tr.neurobiochemistry@nhs.net
Dispatch	First class post
Turnaround Time	15 working days
External Website	https://www.thewaltoncentre.nhs.uk/neuroscience-laboratories.htm

Anti-Neutrophil Cytoplasmic Antibodies (ANCA)

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	48 hours
External Website	

Anti-NMDA Antibodies (Fixed)

Discipline Responsibility	Biochemistry
Sample Type	Serum with paired CSF
Sample Volume	1mL
Storage	Fridged
Meditech Code	NMDA
Other information required	
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	

Anti-Nuclear Factor

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	48 hours
External Website	

Anti-Ovarian Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	OVAB
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Anti-Phospholipase A2 Receptor Antibodies (PLA2R)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	2 weeks
External Website	https://pru-sheffield.org.uk/

Anti-Testicular Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	TESTAB
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Anti-Thyroglobulin Antibodies (ATG)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	THYROGLOBULIN
Other information required	The presence of thyroglobulin antibodies must be assessed when using the tumour marker thyroglobulin in patients with thyroid carcinoma, as they may interfere with the assay.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Anti-Thyroid Receptor Antibodies (TRAb)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	300uL
Storage	Fridged
Meditech Code	TRAB
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	7 working days
External Website	

Anti-TNF alpha drugs (Infliximab/Adalumimab/Vedolizumab)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	300uL
Storage	Fridged
Meditech Code	INFLIXMAB/ ADALIMUMAB/ VEDOLIZUMAB
Other information required	Please ensure both drug and antibody levels are detailed on SAS request form.
Postal Address	Blood Sciences Template A2, Royal Devon and Exeter NHS Foundation Trust, Barrack Road, Exeter, EX2 5DW.
Contact Name	Adrian Cudmore
Contact Telephone Number	01392 402935
Contact Email Address	rde-tr.biochem@nhs.net
Dispatch	First class post
Turnaround Time	10 working days
External Website	

Anti-Voltage Gated Calcium Channel Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	VGCC
Other information required	
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	21 working days
External Website	

Anti-Voltage Gated Potassium Channel Antibodies (includes 'Anti-LGI1 Abs & Anti-CASPR2 Abs)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	VGKC
Other information required	Updated to reflect Oxofrd lab change 19/10/20 to add anti Caspr2 and aLGI1 abs
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Anti-Zinc Transporter 8 (ZnT8) Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	5mL
Storage	Fridged
Mediatech Code	ZNT8
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

APML (MRD Patients)

Discipline Responsibility	Haematology
Sample Type	Bone Marrow
Sample Volume	Paied BM (5mL EDTA), PB (20mL EDTA)
Storage	
Meditech Code	
Other information required	Also send appropriate BM ti Lynn Quek in Pares Vyas Lab: Tissue Bank Technician, Room 320 MHU, Weatherall Inst Mol Med, John Ratcliffe.
Postal Address	Molecular Oncology Diagnostics Unit, GSTS Pathology, 4th Floor, Guys Hospital, Great Maze Pond, London, SE1 9RT.
Contact Name	Dr. Yvonne Morgan
Contact Telephone Number	0207 188 7188 ext. 51060
Contact Email Address	yvonne.g.morgan@gstt.nhs.uk
Dispatch	Special delivery (next day)
Turnaround Time	
External Website	

Apo E genotyping

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	10-30mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	North Scotland Genetic Laboratory, Polwarth Building, Foresterhill, Aberdeen, AB25 2ZD.
Contact Name	Caroline Clark
Contact Telephone Number	0122 455 3983
Contact Email Address	
Dispatch	First class post
Turnaround Time	28 working days
External Website	

Apolipoprotein A-1

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	
Contact Telephone Number	0141 211 4003/4004
Contact Email Address	
Dispatch	First class post
Turnaround Time	1 week
External Website	

Apolipoprotein B

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	
Contact Telephone Number	0141 211 4003/4004
Contact Email Address	
Dispatch	First class post
Turnaround Time	1 week
External Website	

Aquaporin 4 Antibodies (NMO)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	NMOAB
Other information required	
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Arsenic

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA or Lithium Heparin)/Urine
Sample Volume	500uL (blood)/1mL (urine)
Storage	Fridged
Meditech Code	
Other information required	Provide urine creatinine result. (Cost £3.50 if measured at referral lab).
Postal Address	Trace Element Unit, Southampton General Hospital, Tremona Road, Southampton, SO16 6YD.
Contact Name	Christine Sieniawska
Contact Telephone Number	02387 206675
Contact Email Address	labresults@uhs.nhs.uk / UHS.dutybiochemist@uhs.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Auto Antibodies

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	48 hours
External Website	

β2-glycoprotein 1 antibodies IgG and IgM (B2GP)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	BCAROT
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

β2-microglobulin (B2M)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Urine (adjusted to pH>6 with 0.1M NaOH)
Sample Volume	2mL (serum)/20mL (urine)
Storage	Fridged
Mediatech Code	ANTI B2 GP1 IGG/ ANTI B2 GP1 IGM
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	2 working days
External Website	https://pru-sheffield.org.uk/

β-carotene

Discipline Responsibility	Biochemistry
Sample Type	Plasma or whole blood (EDTA or lithium heparin)
Sample Volume	250ul (plasma), 500ul (whole blood)
Storage	Fridged if being sent within 72 hrs of collection. If not, separate sample and freeze plasma until sending by 1st class post
Meditech Code	B2MGU
Other information required	Fasting sample preferred. Sample must be protected from light.
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	Anthony Catchpole
Contact Telephone Number	0141 242 9578
Contact Email Address	STEMDRL@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	10 days
External Website	

β-trace protein (BTP) (1st line screening test for investigation replacing previously used Beta 2 transferrin test)

Discipline Responsibility	Biochemistry
Sample Type	Fluid
Sample Volume	10uL
Storage	Fridged
Meditech Code	BTPCSF
Other information required	Paired serum sample preferred. Fluid samples received without a paired serum will be processed but it may only be possible to provide a limited interpretation.
Postal Address	Neuroimmunology, The Walton Centre NHS Foundation Trust, Lower Lane, Fazakerley, Liverpool, L9 7LJ
Contact Name	
Contact Telephone Number	0151 556 3262
Contact Email Address	wcf-tr.neurobiochemistry@nhs.net
Dispatch	Local Transport/First class post
Turnaround Time	2 working days
External Website	https://www.thewaltoncentre.nhs.uk/neuroscience-laboratories.htm

Basal Ganglia Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	BASALGABS
Other information required	
Postal Address	Neuroimmunology and CSF Laboratory, Institute of Neurology (NHNN) Box 76, Queen Square, London, WC1N 3BG.
Contact Name	Dr. Melanie Hart
Contact Telephone Number	020 3448 3812
Contact Email Address	uclh.enquiry.nhnn-nicl@nhs.net
Dispatch	First class post
Turnaround Time	10 working days
External Website	

Battens Disease (Neuronal Ceroid Lipofuscinoses (NCL))

Discipline Responsibility	
Sample Type	Whole blood (EDTA)
Sample Volume	3 mls
Storage	Room temp (can be stored re Fridgerated for 72 hrs max (if received on Friday pm))
Meditech Code	
Other information required	
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Heather Church / Karen Tylee
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	
Turnaround Time	3 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

BCR ABL Gene

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)
Sample Volume	4mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Haematology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	Local Transport
Turnaround Time	
External Website	

Bence Jones Protein / Urine Free Light Chains (FLC)

Discipline Responsibility	Biochemistry
Sample Type	Early morning urine sample / 24 hr urine (no preservative)
Sample Volume	20 mls (random)
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Bile acids (plasma)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin)
Sample Volume	1mL
Storage	Frozen
Meditech Code	BILEAP
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Bile acids (urine)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	2mL
Storage	Frozen
Meditech Code	BILEAU
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Biopterin including dihydropteridine reductase (DHPR)

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	6 spots
Storage	Room temp
Meditech Code	BIOP
Other information required	Biopterin testing includes biopterin and neopterin analysis Please include phenylalanine result on request form to aid result interpretation. Not valid within 6 weeks of a blood transfusion.
Postal Address	Newborn Screening and Biochemical Genetics, Birmingham Children's Hospital, Steelhouse Lane, B4 6DH.
Contact Name	Philippa Goddard
Contact Telephone Number	0121 333 9905
Contact Email Address	nsbg.bch@nhs.net
Dispatch	First class post
Turnaround Time	15 working days
External Website	

Biotinidase

Discipline Responsibility	Biochemistry
Sample Type	Plasma
Sample Volume	250uL
Storage	Frozen
Meditech Code	BIOT
Other information required	
Postal Address	Dept of Blood Sciences, Royal Victoria Infirmary, Queen Victoria Road, Newcastle Upon Tyne, Tyne and Wear, NE1 4LP.
Contact Name	Dr. Ann Bowron
Contact Telephone Number	0191 282 4566
Contact Email Address	annbowron@nhs.net
Dispatch	Send frozen
Turnaround Time	4 weeks
External Website	http://secure.newcastlelaboratories.com/test-directory/test/biotinidase-plasma/

Bone specific ALP

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Frozen
Meditech Code	BONE ALP
Other information required	
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Bromide

Discipline Responsibility	Biochemistry
Sample Type	Serum (plain) NB. Gel/clot activity/any form of anti-coagulant tubes are NOT acceptable.
Sample Volume	
Storage	Fridged
Meditech Code	
Other information required	Samples should be centrifuged and stored at 4 degrees C prior to sending Only for use in patients on Tazemetostat requiring bromide monitoring. Bromide salt potential toxic levels > 15.6 mmol/L Significant toxicity >35 mmol/L
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	Nicola Barlow
Contact Telephone Number	0151 507 3517 / 2947
Contact Email Address	nicola.barlow1@nhs.net
Dispatch	First class post
Turnaround Time	3 working days
External Website	

C3 Nephritic Factor (C3NEF)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Frozen
Meditech Code	C3NF
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Cadmium (Blood)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 5345
Contact Email Address	BCPSpathology.info@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Cadmium (Urine)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	20mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 5345
Contact Email Address	BCPSpathology.info@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Calcitonin

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Frozen
Meditech Code	CALC
Other information required	Samples should be collected on ice and separated within 30 mins of collection.
Postal Address	SAS Endocrine Laboratory, Ground Floor Specimen Reception, Clinical Biochemistry, Charing Cross Hospital, Fulham Palace Road, London, W6 8RF.
Contact Name	Dr. Emma Walker
Contact Telephone Number	020 311 30348/020 331 35910
Contact Email Address	ICHC-tr.pathologyqueries@nhs.net
Dispatch	Send frozen
Turnaround Time	1 week
External Website	

Carbamazepine

Discipline Responsibility	Biochemistry
Sample Type	Serum (preferred)/Plasma
Sample Volume	500uL
Storage	Stable for 2 days at RT, 7 days at 2-8C or 4 weeks at -20C
Meditech Code	CBZ
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4011
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	<72 hrs
External Website	

Carbohydrate deficient transferrin (CDT)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	5 working days
External Website	https://pru-sheffield.org.uk/

Cardiolipin (MCLCL/CL ratio) /Monocardiolipin) (Barth's Syndrome)

Discipline Responsibility	Biochemistry
Sample Type	Dried bloodspot
Sample Volume	2 spots, ideally 4 spots
Storage	Room temp
Meditech Code	CARDIOLIPINS
Other information required	Referral laboratory to be contacted prior to sending of sample Ensure that request form indicates that analysis is for the investigation of Barth syndrome
Postal Address	Neurometabolic Unit, 6th Floor, Institute of Neurology, Queen Square House, Queen Square, London WC1N 3BG
Contact Name	
Contact Telephone Number	0203 44 83835/83818
Contact Email Address	uclh.enquiry.neurometabolic@nhs.net
Dispatch	First class post
Turnaround Time	
External Website	

CH50/AP100

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	4mL
Storage	Frozen
Meditech Code	CH100
Other information required	Sample must reach referral lab within 24hrs of collection so ideally collect samples Mon-Wed only. If sample to be sent next working day, separate and freeze sample immediately upon receipt . Sample should remain frozen until receipt at referral lab. Haemolysed samples are unsuitable. Inform BMS of receipt of sample.
Postal Address	Greater Manchester Immunology Service, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL.
Contact Name	Hannah Holland
Contact Telephone Number	0161 276 6440
Contact Email Address	hannah.holland@mft.nhs.uk
Dispatch	Send frozen
Turnaround Time	6 working days
External Website	

Chimerism Studies (Manchester Transplant Lab)

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	5mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Transplant Laboratory, 2nd Floor, Purple Zone, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL.
Contact Name	Julie Johnson
Contact Telephone Number	0161 276 6397
Contact Email Address	julie.johnson2@mft.nhs.uk
Dispatch	Special delivery (next day)
Turnaround Time	
External Website	

Chimerism Studies (RLUH only check)

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	5mL
Storage	Fridged
Meditech Code	
Other information required	All sample should be accompanied by a form detailing the donor. If no form, contact Helen Webster for details.
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	1 weeks
External Website	

Cholesterol

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin)
Sample Volume	1mL
Storage	Frozen
Meditech Code	
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Cholinesterase/pseudocholinesterase

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA, no gel)
Sample Volume	0.5mL
Storage	Fridged
Meditech Code	CHOLINEST
Other information required	If sample is being collected after a prolonged apnoea, please wait ≥ 48 hrs post surgery. A warning card will be issued if the phenotype shows any unusual results.
Postal Address	Cardiff Toxicology Laboratories, 4th Floor, Routledge Academic Centre, University Hospital Llandough, Penlan Road, Llandough, CF64 2XX.
Contact Name	Emma Taylor
Contact Telephone Number	02921 826894
Contact Email Address	emma.taylor6@wales.nhs.uk
Dispatch	First class post
Turnaround Time	7 days
External Website	

Chromosome Studies

Discipline Responsibility	Haematology
Sample Type	Lithium Heparin
Sample Volume	1-5mL
Storage	
Meditech Code	
Other information required	
Postal Address	Cytogenetics Department, Liverpool Woman's Hospital, Crown Street, Liverpool, L8 7SS
Contact Name	Dr. Peter Howard
Contact Telephone Number	0151 702 4234
Contact Email Address	
Dispatch	Local Transport
Turnaround Time	
External Website	

Citrate

Discipline Responsibility	Biochemistry
Sample Type	Urine (random/24hr) (acidified or plain)
Sample Volume	10mL
Storage	Fridged
Meditech Code	UCITRATE
Other information required	Note whether random or 24hr urine collection on Meditech and SAS form. If 24hr urine, also note urine volume.
Postal Address	Clinical Biochemistry, 60 Whitfield Street, London, W1T 4EU.
Contact Name	Krithika Subramaniam
Contact Telephone Number	0203 447 9405
Contact Email Address	uclh.enquiry.biochemhelpdesk@nhs.net
Dispatch	DX Number: 6630800, DX Exchange: TOTTENHAM CT RD 90W
Turnaround Time	5 working days
External Website	

Clobazam/Desmethyloclobazam

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	200uL
Storage	Fridged
Meditech Code	CLOBAZAM
Other information required	Ideal sampling time is immediately before next dose. An Antiepileptic Drug Form (NSE01 3/13) is available to be downloaded from the Epilepsy Society website: http://www.epilepsysociety.org.uk/ and must be completed prior to sample collection.
Postal Address	Therapeutic Drug Monitoring Unit (TDM Unit), Chalfont Centre for Epilepsy, Chesham Lane, Chalfont St Peter, SL9 0RJ.
Contact Name	
Contact Telephone Number	01494 601423
Contact Email Address	TDM_Unit@epilepsysociety.org.uk
Dispatch	First class post
Turnaround Time	3 working days
External Website	

Coagulation Molecular Genetics

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	5mL
Storage	Fridged
Meditech Code	
Other information required	Includes: FVIII, FIX, VW. Other coagulation factors maybe requested. Requests should be accompanied by a letter with signed consent. If letter has space for lab data and data not yet available, then photocopy and file letter in 'Molecular Genetics Forms and Letter' box in Coag. Lab. Mark original letter with 'results to follow'.
Postal Address	Sheffield Molecular Genetics Service, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Dr. A Goodeve
Contact Telephone Number	0114 271 7003
Contact Email Address	
Dispatch	First class post
Turnaround Time	
External Website	

Collagen type-1 cross linked C-telopeptide (CTX)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	500uL
Storage	Frozen
Meditech Code	CTX
Other information required	
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	Send frozen
Turnaround Time	2 weeks
External Website	

Collagen type-1 cross linked N-telopeptide (NTX)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	5mL
Storage	Fridge
Meditech Code	NTX
Other information required	Ideally second void of the day. Samples should be protected from light.
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Complement C1q

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Frozen
Meditech Code	C1Q
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	20 working days
External Website	https://pru-sheffield.org.uk/

Constitutional DNA Storage/Molecular Genetics

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	5-10mL (DNA storage), 2-5mL (molecular genetics)
Storage	Fridged
Meditech Code	
Other information required	If cytogenetics and DNA storage are requested together, then two separate samples are required.
Postal Address	Merseyside and Cheshire Regional Genetics Laboratory, Liverpool Woman's Hospital NHS Trust, Crown Street, Liverpool, L8 7SS.
Contact Name	Mr Roger Mountford
Contact Telephone Number	0151 702 4228
Contact Email Address	dna.liverpool@nhs.net
Dispatch	Local Transport
Turnaround Time	4 weeks
External Website	

Copeptin

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma
Sample Volume	500uL
Storage	Stable for 7 days at RT, 14 days at 2-8oC.
Meditech Code	COPEPTIN
Other information required	Copeptin results are of most value when under taken under osmotic stimulus. Please include clinical details and concurrent urine and plasma sodium and osmolality results on SAS form.
Postal Address	Dept of Blood Sciences, Royal Victoria Infirmary, Queen Victoria Road, Newcastle Upon Tyne, Tyne and Wear, NE1 4LP.
Contact Name	Dr. Chris Boot
Contact Telephone Number	0191 282 4153
Contact Email Address	christopher.boot@nuth.nhs.uk
Dispatch	First class post
Turnaround Time	4 weeks
External Website	

Cortisol (urine)

Discipline Responsibility	Biochemistry
Sample Type	24hr Urine
Sample Volume	10mL
Storage	Fridged
Meditech Code	UCORT
Other information required	Note 24hr urine volume in Meditech and on SAS form.
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	14 working days
External Website	

Cortisol (mass spec)

Discipline Responsibility	Biochemistry
Sample Type	Serum / Plasma
Sample Volume	50uL
Storage	Separate and store in fridge or freezer
Meditech Code	CORTISOL MS
Other information required	
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	James Hawley
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	4 working days - <24hrs if urgent and ir prior discussion with Duty Biochemist
External Website	

Cortisol and Cortisone (saliva)

Discipline Responsibility	Biochemistry
Sample Type	Saliva
Sample Volume	125uL
Storage	Fridged
Meditech Code	EMSC
Other information required	
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	Not stated
External Website	

Cryoglobulin

Discipline Responsibility	Biochemistry
Sample Type	2x 2ml EDTA and 2x 2ml serum at 370C
Sample Volume	2mL
Storage	Fridged
Meditech Code	CRYOGLOB
Other information required	Separate samples at 35 - 41 0C and send at ambient temperature. Store at 4 0C if not sending on day of separation.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	7 working days
External Website	https://www.immqas.org.uk/TestItem.asp?id=244

CSF Cytokines

Discipline Responsibility	Biochemistry
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	Please refer to Cytokine Profile (Functionel (TH1)) record as CSF cytokines is available under this test
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Cyclosporin

Discipline Responsibility	Biochemistry
Sample Type	Whole blood (EDTA)
Sample Volume	1ml
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	5 working days
External Website	

Cystatin C

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	1mL
Storage	Fridged
Meditech Code	CYSTC
Other information required	
Postal Address	Central Specimen Reception, c/o Clinical Biochemistry, Clinical Sciences Building 3, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	
Contact Telephone Number	Adult: 0161 701 8891 Paediatric: 0161 701 2255 (or 0161 276 1234 - bleep 8013)
Contact Email Address	duty.biochemist@mft.nhs.uk duty.paedbiochemist@mft.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Cytogenetics/Chromosomal Analysis

Discipline Responsibility	Haematology
Sample Type	Lithium Heparin/Transport Media for Bone Marrow
Sample Volume	1-2mL (newborns), 2-5mL (older children), 1-2mL (bone marrow aspirate into culture media bottle).
Storage	
Meditech Code	
Other information required	If cytogenetics and DNA storage are requested together, then two separate samples are required. Urgent samples should be send via taxi immediately.
Postal Address	Cytogenetics Department, Liverpool Woman's Hospital, Crown Street, Liverpool, L8 7SS
Contact Name	Dr. Peter Howard
Contact Telephone Number	0151 702 4229
Contact Email Address	peter_howard@lwh.nhs.uk
Dispatch	Local Transport
Turnaround Time	3 weeks
External Website	

Cytokine Profile (Functional (TH1))

Discipline Responsibility	Biochemistry
Sample Type	Lithium Heparin Whole Blood, EDTA Whole Blood and Clotted Blood / CSF also suitable
Sample Volume	3-5mL (lithium heparin), 2.7mL (EDTA), 2.5mL (Clotted)
Storage	Room Temperature
Meditech Code	
Other information required	Samples should not be sent Thurs-Sun. Appropriate form needs to be completed. CSF samples should be collected into endotoxin free tubes and be frozen ASAP. No control samples required with CSF samples. Cytokine proforma June 2023
Postal Address	Department of Clinical Biochemistry and Immunology, Level E4, Box 109, Addenbrooke's Hospital, Cambridge, CB2 0QQ.
Contact Name	Dr. Raine Doffinger
Contact Telephone Number	01223 217441 (office) / 01223 348145 (lab)
Contact Email Address	r.doffinger@nhs.net
Dispatch	Next day delivery
Turnaround Time	4 weeks
External Website	

Cytotoxic Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	10mL
Storage	Frozen
Meditech Code	
Other information required	In patients approaching adult age, the clinician may ask for samples to be sent to Liverpool.
Postal Address	Transplant Laboratory, 2nd Floor, Purple Zone, Manchester Royal Infirmary, Oxford Road, Manchester, M13 9WL.
Contact Name	Julie Johnson
Contact Telephone Number	0161 276 6397
Contact Email Address	julie.johnson2@mft.nhs.uk
Dispatch	First class post
Turnaround Time	Not stated
External Website	

Cytotoxic Antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	10mL
Storage	Frozen
Meditech Code	
Other information required	Unless stated otherwise, samples for cytotoxic antibodies should be sent to the Transplant Lab at Manchester.
Postal Address	Histocompatibility and Immunogenetics Laboratory, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Fontini Partheniou
Contact Telephone Number	0151 706 4366
Contact Email Address	fotini.partheniou@liverpoolft.nhs.uk
Dispatch	First class post/Local Transport
Turnaround Time	4 weeks
External Website	

Daptomycin

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	DAP
Other information required	
Postal Address	North Bristol NHS Trust, Antimicrobial Reference Laboratory, Microbiology Department, Level 2 Phase 1, Southmead Hospital, Bristol, BS10 5NB
Contact Name	Alan Noel
Contact Telephone Number	0117 414 6220
Contact Email Address	ARLEnquiries@nbt.nhs.uk
Dispatch	DX Number: 6121301, DX Exchange: WESTBURY TRYM 90BS
Turnaround Time	3 days
External Website	

Dehydroepiandrosterone Sulphate (DHEAS)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	250uL
Storage	Fridged
Meditech Code	DHEAS (DHEAS and Androstendione: DHEASA4)
Other information required	
Postal Address	Clinical Biochemistry, 4th Floor Pathology and Pharmacy Building, 80 Newark Street, Whitechapel, London, E1 2ES.
Contact Name	
Contact Telephone Number	020 7377 7000 - bleep 1611 07821 666732
Contact Email Address	bhnt.clinbiochemadvice-barts@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.eselopathology.nhs.uk/download.cfm?doc=docm93jjjm4n5479

Digoxin

Discipline Responsibility	Biochemistry
Sample Type	Serum (preferred)/Plasma
Sample Volume	500uL
Storage	Stable for 7 days at RT, 14 days at 2-8C or 6 months at -20C
Meditech Code	DIG
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4011
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	<24 hrs
External Website	

Dihydropyrimidine Dehydrogenase (DPYD genotype)

Discipline Responsibility	Biochemistry
Sample Type	EDTA whole blood
Sample Volume	3mL
Storage	Room temp
Meditech Code	
Other information required	For patients on 5-Fluorouracil to exclude DPD deficiency
Postal Address	Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ
Contact Name	Erin Emmett
Contact Telephone Number	0207 188 7652
Contact Email Address	erin.emmett@gstt.nhs.uk
Dispatch	First class post
Turnaround Time	3 working days
External Website	

Dihydrotestosterone (DHT)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	800uL
Storage	Stable for 24 hours at 2-8C or 6 months at -18C
Meditech Code	DHTT
Other information required	Please state if part of a hCG stimulation test as, in these cases, testosterone should also be measured by mass spectrometry to allow accurate calculation of ratio.
Postal Address	Clinical Biochemistry, 4th Floor Pathology and Pharmacy Building, 80 Newark Street, Whitechapel, London, E1 2ES.
Contact Name	
Contact Telephone Number	020 7377 7000 - bleep 1611 07821 666732
Contact Email Address	bhnt.clinbiochemadvice-barts@nhs.net
Dispatch	First class post
Turnaround Time	21 working days
External Website	https://www.eselpathology.nhs.uk/download.cfm?doc=docm93jjjm4n5479

Disaccharidase, Intestinal

Discipline Responsibility	Biochemistry
Sample Type	Jejunal biopsy
Sample Volume	10mg
Storage	Wrap biopsy in silver foil, please in 2ml screwcap tube, place on ice immediately. Store frozen prior to sending (-800C. -200C is acceptable.)
Meditech Code	DISACC
Other information required	
Postal Address	Central Specimen Reception, c/o Clinical Biochemistry, Clinical Sciences Building 3, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Dr Fiona Ivison
Contact Telephone Number	0161 276 4699
Contact Email Address	fiona.ivison@mft.nhs.uk
Dispatch	Transport frozen on dry ice
Turnaround Time	3 weeks
External Website	

D-lactate

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	300uL
Storage	Frozen
Meditech Code	DLAC
Other information required	Sample must be separated within 1hr of collection and are then stable at 4 0C for 7 days..
Postal Address	Blood Sciences, Clinical Biochemistry, Birmingham Children's Hospital, Steelhouse Lane, B4 6DH.
Contact Name	Dr. Sarah Heap
Contact Telephone Number	0121 333 9999 - bleep 55271
Contact Email Address	bwc.biochemist@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	

DNA for Storage (Individual Tests for e.g. Rett, Angelman Syndrome)

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	3mL (1mL neonates)
Storage	
Meditech Code	
Other information required	
Postal Address	Cytogenetics Department, Liverpool Woman's Hospital, Crown Street, Liverpool, L8 7SS
Contact Name	Mr Roger Mountford/Dr. Vicky Stanton
Contact Telephone Number	0151 702 4228
Contact Email Address	dna.liverpool@nhs.net
Dispatch	Local Transport
Turnaround Time	
External Website	

ds DNA & ENA

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	1mL
Storage	
Meditech Code	
Other information required	Before sending, spin sample down and separate off 100uL into two tubes for dsDNA and ENA. Record this in red folder located in specimen reception. Store aliquots on top shelf of coag freezer. Send original sample to referral lab.
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	48 hours
External Website	

Faecal elastase

Discipline Responsibility	Biochemistry
Sample Type	Faeces
Sample Volume	Pea-sized (5g)
Storage	Stable for 7 days at room temperature, 7 days at 4 degrees C and 4 weeks frozen
Meditech Code	ELAST
Other information required	
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Endomysial antibodies IgA

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	ENDOMYS IGA
Other information required	
Postal Address	Blood Sciences, Countess of Chester, Liverpool Road, Chester, CH2 1UL.
Contact Name	Kevin Clooney
Contact Telephone Number	01244 365 030
Contact Email Address	kevin.clooney@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Endomysial antibodies IgG

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Fridged
Meditech Code	ENDOMYS IGG
Other information required	
Postal Address	Blood Sciences, Countess of Chester, Liverpool Road, Chester, CH2 1UL.
Contact Name	Kevin Clooney
Contact Telephone Number	01244 365 030
Contact Email Address	kevin.clooney@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Enhanced Liver Fibrosis test (ELF)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Frozen
Mediatech Code	ELF
Other information required	Stable for 48hrs at room temperature.
Postal Address	Dept. of Clinical Biochemistry, Royal Stoke University Hospital, Newcastle Road, Stoke-On-Trent, ST4 6QG.
Contact Name	Dr. Chris Duff
Contact Telephone Number	01782 674 265
Contact Email Address	biochemistry.uhns@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Erythropoietin (EPO)

Discipline Responsibility	Biochemistry
Sample Type	Serum (Lithium heparin plasma also acceptable)
Sample Volume	1mL
Storage	Stable for 7 days at 2-8oC
Meditech Code	
Other information required	Haemolysed samples are unsuitable.
Postal Address	Biochemistry Department, King's College Hospital, Denamrk Hill, London, SE5 9RS
Contact Name	
Contact Telephone Number	0204 513 7300 option 1
Contact Email Address	customerservices@synnovis.co.uk
Dispatch	DX number: 6570203, DX Exchange: PECKHAM 90SE
Turnaround Time	7 working days
External Website	https://www.synnovis.co.uk/our-tests/erythropoietin-epo

Essential Fatty Acids (Red Cell)

Discipline Responsibility	Biochemistry
Sample Type	Dried blood spots (kit provided)
Sample Volume	
Storage	Room Temperature
Meditech Code	EFA
Other information required	Minimum patient age is 2 years It is advisable for samples to be collected following an 8hrs fast.
Postal Address	Genova Diagnostics Europe, 46-50 Coombe Road, New Maiden, KT3 4QF
Contact Name	
Contact Telephone Number	0207 336 7750
Contact Email Address	
Dispatch	First class post
Turnaround Time	
External Website	www.gdx.net/uk

Ethosuximide

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	200uL
Storage	Fridged
Meditech Code	
Other information required	Ideal sampling time is immediately before next dose. An Antiepileptic Drug Form (NSE01 3/13) is available to be downloaded from the Epilepsy Society website: http://www.epilepsysociety.org.uk/ and must be completed prior to sample collection.
Postal Address	Therapeutic Drug Monitoring Unit (TDM Unit), Chalfont Centre for Epilepsy, Chesham Lane, Chalfont St Peter, SL9 0RJ.
Contact Name	
Contact Telephone Number	01494 601423
Contact Email Address	TDM_Unit@epilepsysociety.org.uk
Dispatch	First class post
Turnaround Time	3 working days
External Website	

Ethylene Glycol (Toxic Alcohols)

Discipline Responsibility	Biochemistry
Sample Type	MULTIPLE
Sample Volume	1ml
Storage	Fridged
Meditech Code	MISC
Other information required	All requests to be discussed with Duty / On call Biochemist. Requesting clinician must also discuss the request with the on-call Consultant Biochemist at Birmingham before sending samples OOHs. Tel 0121 554 3801
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 5345
Contact Email Address	BCPSpathology.info@nhs.net
Dispatch	Special delivery (next day) or taxi/courier (if clinically indicated). Must use special postage label from website
Turnaround Time	1 working day
External Website	http://www.cityassays.org.uk/ethyleneglycol.html

Everolimus

Discipline Responsibility	Biochemistry
Sample Type	Whole blood (EDTA)
Sample Volume	500ul
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	James Hawley
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Factor H

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	2mL
Storage	
Meditech Code	
Other information required	Sample must be received by referral lab within 24hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Immunology Department, Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Mo Moody
Contact Telephone Number	029 2074 8350
Contact Email Address	mo.moody@wales.nhs.uk
Dispatch	Special delivery (next day)
Turnaround Time	10 working days
External Website	

Factor V Leiden

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	2mL
Storage	
Meditech Code	
Other information required	
Postal Address	Coagulation Department, Haematology, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Mariam Waite
Contact Telephone Number	0151 706 4967
Contact Email Address	mariam.waite@rlubt.nhs.uk
Dispatch	Local Transport
Turnaround Time	3 weeks
External Website	

Faecal Immunochemical Test (FIT)

Discipline Responsibility	Biochemistry
Sample Type	Faeces
Sample Volume	N/A
Storage	Fridged
Meditech Code	
Other information required	Samples must be transferred into a special FIT green top sample tube before sending Collection device is stable until expiry date stated on device.
Postal Address	Biochemistry Department, St Helens & Knowsley Teaching Hospitals, Warrington Road, Prescot, Merseyside, L35 5DR
Contact Name	Lesley Mather
Contact Telephone Number	0151 290 4507
Contact Email Address	lesley.mather@sthk.nhs.uk
Dispatch	Local Transport
Turnaround Time	2 working days
External Website	www.sthk.nhs.uk/pathology

Fanconi Anaemia

Discipline Responsibility	Haematology
Sample Type	Whole Blood (Lithium Heparin)
Sample Volume	5-10mL
Storage	
Meditech Code	
Other information required	Completed genetics form should be sent with sample: http://www.guysandstthomas.nhs.uk/resources/our-services/grida/genetics/genetics-specimen-form.pdf
Postal Address	Genetics Laboratory, 5th Floor, Tower Wing, Guys Hospital, Great Maze Pond, London, SE1 9RT.
Contact Name	
Contact Telephone Number	
Contact Email Address	stefan.meyer-2@manchester.ac.uk
Dispatch	Courier
Turnaround Time	
External Website	

FGF-23

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	600uL
Storage	Frozen
Meditech Code	FGF23
Other information required	
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	Send frozen
Turnaround Time	4 weeks
External Website	

Fructosamine

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	1mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Dept of Biochemistry, Queen Elizabeth Hospital Birmingham, Mindelsohn Way, Edgbaston, Birmingham, B15 2GW.
Contact Name	
Contact Telephone Number	0121 371 6543
Contact Email Address	biolink@uhb.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Galactitol

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	5mL
Storage	Frozen
Meditech Code	UGALACTITOL
Other information required	
Postal Address	Dept of Clinical Biochemistry, Core Clinical Services Directorate, Pathology Sciences Laboratory, Southmead Hospital, Westbury on Trym, Bristol, BS10 5NB
Contact Name	
Contact Telephone Number	0117 414 8418
Contact Email Address	nbn-tr.ClinicalBiochemistryNBT@nhs.net
Dispatch	DX Number: 6121301, DX Exchange: WESTBURY TRYM 90BS
Turnaround Time	28 days (24-48hrs if urgent)
External Website	

Galactokinase

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (Lithium Heparin)
Sample Volume	1mL
Storage	Fridged
Meditech Code	GALK
Other information required	Sample must reach referral lab within 24hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Dept of Clinical Biochemistry, Core Clinical Services Directorate, Pathology Sciences Laboratory, Southmead Hospital, Westbury on Trym, Bristol, BS10 5NB
Contact Name	
Contact Telephone Number	0117 414 8418
Contact Email Address	nbn-tr.ClinicalBiochemistryNBT@nhs.net
Dispatch	DX Number: 6121301, DX Exchange: WESTBURY TRYM 90BS
Turnaround Time	28 days (24-48hrs if urgent)
External Website	

Galactosaemia Mutation Analysis (GALT gene)

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)
Sample Volume	3mL
Storage	
Meditech Code	
Other information required	Refer requests to Duty Biochemist to check suitability.
Postal Address	Molecular Genetics Service, Bristol Genetics Laboratory, Southmead Hospital, Bristol, BS10 5NB.
Contact Name	Hilary Sawyer
Contact Telephone Number	0117 323 5565/5518/6271
Contact Email Address	hilary.sawyer@nbt.nhs.uk / maggie.williams@nbt.nhs.uk
Dispatch	DX Number: 6121301, DX Exchange: WESTBURY TRYM 90BS
Turnaround Time	40 days (full screen), 3 days (urgent, known mutation)
External Website	

Galactose-1-phosphate

Discipline Responsibility	Biochemistry
Sample Type	Lithium Heparin
Sample Volume	5mL
Storage	Fridged
Meditech Code	GAL1P
Other information required	Sample must reach referral lab within 24hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	Courier or Special Delivery
Turnaround Time	3 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Gastrin

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	1mL
Storage	Frozen
Meditech Code	GASTRIN
Other information required	Samples should be collected on ice and separated within 15mins of collection. Patients must be fasted overnight. If possible cease H2 agonist medication for 2 weeks prior to test.
Postal Address	SAS Endocrine Laboratory, Ground Floor Specimen Reception, Clinical Biochemistry, Charing Cross Hospital, Fulham Palace Road, London, W6 8RF.
Contact Name	Dr. Emma Walker
Contact Telephone Number	020 311 30348/020 331 35910
Contact Email Address	ICHC-tr.pathologyqueries@nhs.net
Dispatch	Send frozen
Turnaround Time	3 weeks
External Website	

Gilberts Genotyping

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	5mL
Storage	Fridged
Meditech Code	GILBERTS
Other information required	Please ensure that request form states 'Unconjugated hyperbilirubinaemia in the absence of haemolysis, where a molecular diagnosis will contribute to management as per the National Genomics Directory for R176' Samples now acceptable from GP requests
Postal Address	Genetic Laboratories - Level 2, Liverpool Women's Hospital, Crown Street, Liverpool, L8 7SS
Contact Name	
Contact Telephone Number	0151 702 4228
Contact Email Address	mft.genomics@nhs.net
Dispatch	First class post
Turnaround Time	20 working days
External Website	

Glomerular Basement Membrane Antibodies (GBM)

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	2mL
Storage	
Meditech Code	
Other information required	
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	48 hours
External Website	

Glycine receptor antibodies

Discipline Responsibility	
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	Testing is indicated for investigation of spinal and brain stem disorders (Stiff person syndrome and PERM).
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Clare Del-Duca
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	First class post
Turnaround Time	4 weeks
External Website	https://sheffieldlaboratorymedicine.nhs.uk/search-test.php?search=2878

Glycolate

Discipline Responsibility	Biochemistry
Sample Type	Urine (random/24hr) (plain) NB. If shared sample with oxalate analysis need to acidify to pH 2.5-5
Sample Volume	10mL
Storage	Fridged
Meditech Code	UOXALATER/ UOXALATE24
Other information required	Note whether random or 24hr urine collection on Meditech and SAS form. If 24hr urine, also note urine volume. 24 hr samples received in plain urine containers must be acidified within 24 hrs of receipt
Postal Address	Clinical Biochemistry, 60 Whitfield Street, London, W1T 4EU.
Contact Name	Krithika Subramaniam
Contact Telephone Number	0203 447 9405
Contact Email Address	uclh.enquiry.biochemhelpdesk@nhs.net
Dispatch	DX Number: 6630800, DX Exchange: TOTTENHAM CT RD 90W
Turnaround Time	1 month
External Website	

Guanidinoacetate and Creatine

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)/Urine
Sample Volume	1mL
Storage	Frozen (Whole blood stable for 6hrs, serum/plasma stable for 24hrs and urine stable for 2hrs at RT)
Meditech Code	GUANIDINAC/ GUANACETU
Other information required	
Postal Address	Biochemical Genetics Unit, c/o Clinical Biochemistry, Pathology Block, Level 4, Addenbrooke's Hospital, Hills Road, Cambridge, CB2 0QQ.
Contact Name	Sarah Hogg
Contact Telephone Number	01223 805000 / 245151
Contact Email Address	sarah.hogg@nhs.net
Dispatch	Send frozen (plasma & urine)
Turnaround Time	3 weeks
External Website	

Gut hormone screen (profile inc: Vasointestinal polypeptide, Pancreatic Polypeptide, Gastrin, Glucagon, Somatostatin, Chromogranin A and B)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	6mL required in 2 x 4ml EDTA tubes
Storage	Frozen
Meditech Code	GUT
Other information required	Samples should be collected on ice and separated within 15mins of collection. Patients must be fasted overnight.
Postal Address	SAS Endocrine Laboratory, Ground Floor Specimen Reception, Clinical Biochemistry, Charing Cross Hospital, Fulham Palace Road, London, W6 8RF.
Contact Name	Dr. Emma Walker
Contact Telephone Number	Results: 020 3313 3949 Clin Advice: 020 331 35910
Contact Email Address	ICHC-tr.pathologyqueries@nhs.net
Dispatch	Send frozen
Turnaround Time	3 weeks
External Website	

Haptoglobin/Haemopexin

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	HAPTO
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Hepcidin

Discipline Responsibility	Biochemistry
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	Test currently unavailable. If requested, contact the referral lab for further information.
Postal Address	Dept of Clinical Biochemistry, Birmingham Heartlands Hospital, Bordesley Green East, Birmingham, B9 5SS
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Hermansky-Pudlak Syndrome (Platelet Electron Microscopy Service)

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)
Sample Volume	3-5mL
Storage	Fridged
Meditech Code	
Other information required	Essential that test is booked in advance.
Postal Address	Histopathology Department, Electron Microscopy Unit, Camelia Botnar Laboratories, Level 3, Great Ormond Street Hospital for Children, London, WC1N 3JH.
Contact Name	
Contact Telephone Number	0207 829 8663
Contact Email Address	
Dispatch	Courier
Turnaround Time	2 weeks
External Website	

HLA – B* 5710

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	4mL
Storage	
Meditech Code	
Other information required	Samples should be anonymised. If transport is later than 5 days after collection, store sample at -20C to -40C (not packed). (Sample allowed to thaw in transit).
Postal Address	Delphic Laboratories Ltd, 1030 Heeley Close, Kent Science Park, Sittingbourne, Kent, ME9 8HL.
Contact Name	Nick Gardner
Contact Telephone Number	01795 436 688
Contact Email Address	enquiries@delphicdiagnostics.com
Dispatch	DX Number: 646688, DX Exchange: SITTINGBOURNE 91M
Turnaround Time	5 working days
External Website	

HLA Antibodies

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	1mL
Storage	
Meditech Code	
Other information required	
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	48 hours
External Website	

HLA B27

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	1mL
Storage	
Meditech Code	
Other information required	
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	1 week
External Website	

HLA Tissue Typing

Discipline Responsibility	Haematology
Sample Type	EDTA and Serum
Sample Volume	5-10ml (EDTA), 1mL (serum)
Storage	
Meditech Code	
Other information required	Samples may be duplicated for family studies for HLA typing. Book samples into Meditech as 'MISCH' with details in clinical comment. Sample arriving after 4pm should be stored at room temp. and posted the next day.
Postal Address	Clinical Services, Antony Nolan Trsut, Histocompatibility Lab, Fleet Road, Hampstead, London, NW3 2QG.
Contact Name	Helen Ogilvie/Sandra Frater
Contact Telephone Number	2072848303
Contact Email Address	
Dispatch	Special delivery
Turnaround Time	
External Website	

HLA Typing

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	4mL
Storage	
Meditech Code	
Other information required	Double check when sending samples off for tissue typing for potential transplant patients as they usually go to Antony Nolan Trust with sibling and parent samples going to Liverpool.
Postal Address	Immunology Department, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Catherine Keymer
Contact Telephone Number	0151 706 4355/4350
Contact Email Address	catherine.keymer@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	11 working days
External Website	

Hypoxanthine guanine phosphoribosyltransferase (HGPRT)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	3mL
Storage	Fridged
Meditech Code	HGPRT
Other information required	
Postal Address	Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ
Contact Name	Mariam Abbasi
Contact Telephone Number	0207 188 1266
Contact Email Address	mariam.abbasi@viapath.co.uk
Dispatch	First class post
Turnaround Time	7 working days
External Website	

IGF binding protein 3 (IGF-BP3)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	200uL
Storage	Frozen
Meditech Code	IGFBP3
Other information required	
Postal Address	SAS Peptide Hormones Section, Clinical Laboratory, Royal Surrey County Hospital, Egerton Riad, Guildford, Surrey, GU2 7XX.
Contact Name	Nick Porter
Contact Telephone Number	01483 406 715
Contact Email Address	gwen.wark@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	

IgD (immunoglobulin D)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	IGD
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	7 working days
External Website	https://pru-sheffield.org.uk/

IGF-2

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	500uL
Storage	Frozen
Meditech Code	
Other information required	Supply IGF-1 result.
Postal Address	SAS Peptide Hormones Section, Clinical Laboratory, Royal Surrey County Hospital, Egerton Riad, Guildford, Surrey, GU2 7XX.
Contact Name	Nick Porter
Contact Telephone Number	01483 406 715
Contact Email Address	gwen.wark@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	

IgG subclasses

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	IGSUB
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	7 working days
External Website	https://pru-sheffield.org.uk/

Inhibin A

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma
Sample Volume	2mL
Storage	Stable for 24hrs 2-8C or 30 days at -20C.
Meditech Code	
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	2 weeks
External Website	https://pru-sheffield.org.uk/

Inhibin B

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Frozen
Meditech Code	INHIBINB
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	2 weeks
External Website	https://pru-sheffield.org.uk/

Interferon signature gene expression assay (R&D assay)

Discipline Responsibility	Biochemistry
Sample Type	PAX gene tubes required. These need to be requested in advance of sample collection.
Sample Volume	PAX tubes are vacutainers and require 2-5mls blood
Storage	Stand tubes upright for min 2 hrs and freeze upright within 72 hrs of collection
Meditech Code	
Other information required	
Postal Address	Chemical Pathology Reception, Level 1, Camelia Botnar Building, Great Ormond Street Hospital, Great Ormond Street, London, WC1N 3JH
Contact Name	Annabelle Mai Mark Davis
Contact Telephone Number	0207 829 8835
Contact Email Address	gos-tr.Immunology@nhs.net immunology@gosh.nhs.uk
Dispatch	Send next day delivery to ensure receipt within 70 hours of sample collection. Send on dry ice if shipping frozen.
Turnaround Time	30 days
External Website	

Interleukin 6 (IL-6)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma
Sample Volume	2mL
Storage	Fridged
Meditech Code	IL6
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	4 weeks (24hr urgent)
External Website	https://pru-sheffield.org.uk/

Iodine

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)/Urine
Sample Volume	500uL (serum/plasma)/1mL (urine)
Storage	Fridged
Meditech Code	I / UI
Other information required	Provide urine creatinine result. (Cost £3.50 if measured at referral lab).
Postal Address	Trace Element Unit, Southampton General Hospital, Tremona Road, Southampton, SO16 6YD.
Contact Name	Christine Sieniawska
Contact Telephone Number	023807 96237
Contact Email Address	labresults@uhs.nhs.uk / UHS.dutybiochemist@uhs.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Iohexol

Discipline Responsibility	Biochemistry
Sample Type	Serum / Li Hep plasma
Sample Volume	250ul serum/Li Hep plasma. Absolute minimum 150uL.
Storage	Fridged
Meditech Code	IOHEXOL
Other information required	Samples collected a2hr, 3hr & 4hrs (+/- 6hrs) and received under a single sample number. Please ensure each sample is labelled with a time point. A complete Iohexol GFR record form should accompany the sample Out of hours contact for courier: 01865 220465
Postal Address	Department of Clinical Biochemistry, Level 4, John Radcliffe Hospital, Headley Way, Headington, Oxford OX3 9DU
Contact Name	Zoe Maunsell, 01865 220335, zoe.maunsell@ouh.nhs.uk
Contact Telephone Number	01865 857791
Contact Email Address	clinicalbiochemistry.advice@ouh.nhs.uk
Dispatch	Special delivery
Turnaround Time	3 working days
External Website	

JSLENEUT (Lupus Neutophil Study)

Discipline Responsibility	Haematology
Sample Type	Heparin
Sample Volume	5-10mL
Storage	
Meditech Code	
Other information required	Lupus Neutophil Study. Bloods need to be received by lab for audit trail. Inform Angela of sample.
Postal Address	Institute of Child Health, Alder Hey Hospital, Liverpool, L12 2AP.
Contact Name	Angela Midgley
Contact Telephone Number	ext. 2436/2438 (07751124148)
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Lamotrigine

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin/EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	LAMO
Other information required	
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 4138
Contact Email Address	swbh.toxicology@nhs.net
Dispatch	First class post
Turnaround Time	2 working days
External Website	

Laxative screen

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	10mL
Storage	Fridged
Meditech Code	LAXATIVE
Other information required	
Postal Address	Department of Biochemistry, Salford Royal Foundation Trust, Stott Lane, Salford, M6 8HD.
Contact Name	
Contact Telephone Number	0161 206 8212
Contact Email Address	
Dispatch	First class post
Turnaround Time	2 weeks
External Website	

Leucocyte Adhesion Defect CD11, CD18

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)
Sample Volume	1mL
Storage	
Meditech Code	
Other information required	
Postal Address	Immunology Dept. Royal Victoria Infirmary, Queen Victoria Road, Newcastle Upon Tyne, NE1 4LP.
Contact Name	Dawn Barge
Contact Telephone Number	0191 282 5078
Contact Email Address	
Dispatch	Special delivery (next day)
Turnaround Time	
External Website	

Levetiracetam (Keppra)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA) / Serum - no gel
Sample Volume	200uL
Storage	Fridged
Meditech Code	
Other information required	Trough sample
Postal Address	Cardiff Toxicology Laboratories, 4th Floor, Routledge Academic Centre, University Hospital Llandough, Penlan Road, Llandough, CF64 2XX.
Contact Name	
Contact Telephone Number	029 2071 6894
Contact Email Address	
Dispatch	First class post
Turnaround Time	7 working days
External Website	

Lipase

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	200uL
Storage	Fridged
Meditech Code	LIPASE
Other information required	
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Lipoprotein (a)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	
Contact Telephone Number	0141 211 4003/4004
Contact Email Address	
Dispatch	First class post
Turnaround Time	1 week
External Website	

Lipoprotein profile

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	Make it clear on SAS form which lipid fraction is required.
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	
Contact Telephone Number	0141 211 4003/4004
Contact Email Address	
Dispatch	First class post
Turnaround Time	1 week
External Website	

Lithium

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	250uL
Storage	Fridged
Meditech Code	LI
Other information required	Sample should be taken pre-dose or at least 12hrs post-dose.
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	24 hours
External Website	

Malaria Parasites ID

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	500uL
Storage	
Meditech Code	
Other information required	Complete malaria reference laboratory form available from LSTM website.
Postal Address	Clinical Diagnostic-Parasitology Laboratory, Liverpool School of Tropical Medicine, Pembroke Place, Liverpool, L3 5QA.
Contact Name	Jayne Jones
Contact Telephone Number	0151 705 3220
Contact Email Address	diagpara@liverpool.ac.uk
Dispatch	Local Transport
Turnaround Time	
External Website	

Mercury

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA or Lithium Heparin)/Urine
Sample Volume	500uL (blood)/1mL (urine)
Storage	Fridged
Meditech Code	
Other information required	Provide urine creatinine result. (Cost £3.50 if measured at referral lab).
Postal Address	Trace Element Unit, Southampton General Hospital, Tremona Road, Southampton, SO16 6YD.
Contact Name	Christine Sieniawska
Contact Telephone Number	02387 206675
Contact Email Address	labresults@uhs.nhs.uk / UHS.dutybiochemist@uhs.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Metadrenalines/ metanephrines (plasma)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	2mL
Storage	Frozen
Meditech Code	
Other information required	Fasting sample preferred. Samples should ideally be collected and transported on ice, if possible, to aid sample stability. Sample should be separated and frozen within 1hr of collection.
Postal Address	Department of Biochemistry, Salford Royal Foundation Trust, Stott Lane, Salford, M6 8HD.
Contact Name	
Contact Telephone Number	0161 206 8212
Contact Email Address	
Dispatch	Send frozen
Turnaround Time	10 working days
External Website	

Metadrenalines/ metanephrines (urine)

Discipline Responsibility	Biochemistry
Sample Type	24hr Urine (50mL 1.0M sulphuric acid preservative)
Sample Volume	5mL
Storage	Frozen
Meditech Code	UMETADRENALINES
Other information required	Samples with pH ≥ 6.5 are unsuitable for analysis. Note 24hr urine volume in Meditech and on SAS form.
Postal Address	Department of Biochemistry, Salford Royal Foundation Trust, Stott Lane, Salford, M6 8HD.
Contact Name	
Contact Telephone Number	0161 206 8212
Contact Email Address	
Dispatch	Send frozen
Turnaround Time	7 working days
External Website	

Methylmalonic acid (MMA)/ methylmalonate

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin/EDTA)
Sample Volume	500uL
Storage	Frozen
Meditech Code	MMA
Other information required	
Postal Address	Neurometabolic Unit, 6th Floor, Institute of Neurology, Queen Square House, Queen Square, London WC1N 3BG
Contact Name	Mr. Nana Ghansah
Contact Telephone Number	0203 44 83835/83818
Contact Email Address	uclh.enquiry.neurometabolic@nhs.net
Dispatch	First class post
Turnaround Time	7 working days
External Website	

Mexiletine

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA, no gel)
Sample Volume	500uL
Storage	Fridged
Meditech Code	MEX
Other information required	
Postal Address	Cardiff Toxicology Laboratories, 4th Floor, Routledge Academic Centre, University Hospital Llandough, Penlan Road, Llandough, CF64 2XX.
Contact Name	
Contact Telephone Number	029 2071 6894
Contact Email Address	
Dispatch	First class post
Turnaround Time	7 working days
External Website	

MRD (ALL, AML, CLL)

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)/Bone Marrow/Lymph Node/Body Fluids
Sample Volume	3mL (blood), 5mL (bone marrow)
Storage	
Meditech Code	
Other information required	
Postal Address	Paul Virgo, Dept. of Immunology and Immunogenetics, Pathology Science Building, Southmead Hospital, Bristol, BS10 5NB.
Contact Name	Paul Virgo
Contact Telephone Number	0177 414 8377
Contact Email Address	nbn-tr.nbtimmunology@nhs.net
Dispatch	First class post
Turnaround Time	2 days
External Website	

MRD Samples

Discipline Responsibility	Haematology
Sample Type	ACD Bottle (Bone Marrow)
Sample Volume	5mL
Storage	Fridged
Meditech Code	
Other information required	Samples taken Wenesday should be sent by first class post in blue royal mail boxes. Samples taken Thursday should be sent via special delivery. Trial form should be completed on patient notes on Meditech. If no form contact requestor. Sometimes in relapse cases, if child in R3 trial, then 3 MRD samples taken-snd one to Glasgow, one to Manchester and other Birmingham Children's. Check with consultant before sending.
Postal Address	Sandra Chudleigh, Molecular Haematology, Haematology Department, Royal Hospital for Sick Children, Yorkhill, Glasgow, G3 8SJ.
Contact Name	Sandra Chudleigh
Contact Telephone Number	0141 201 9281
Contact Email Address	sandra.chudleigh@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	28 days
External Website	

MRD Samples-Interfant

Discipline Responsibility	Haematology
Sample Type	ACD Bottle (Bone Marrow)
Sample Volume	3-5mL
Storage	Fridged
Meditech Code	
Other information required	For samples on children <1yr old who are entered in the ALL Trial see 'MRD samples' (send to Glasgow).
Postal Address	Gerry Hancock, Bristol MRD Group, Bristol Genetic Lab, Lewis Laboratories, Southmead Hospital, Bristol, BS10 5NB.
Contact Name	Gerry Hancock
Contact Telephone Number	
Contact Email Address	
Dispatch	First class post
Turnaround Time	
External Website	

Mucopolysaccharidoses (MPS) enzymes

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	5mL
Storage	Fridged
Meditech Code	
Other information required	State on SAS form which enzyme/condition is to be investigated. Sample must reach referral lab within 72hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	First class post
Turnaround Time	3 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Mycophenolate (MPA)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	200uL
Storage	Fridged
Meditech Code	MPA
Other information required	
Postal Address	Analytical Services International, St George's Hospital University of London, Cranmer Terrace, London, SW17 0RE.
Contact Name	
Contact Telephone Number	0208 725 5345
Contact Email Address	laboratory@bioanalytics.co.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	

Neurone Specific Enolase (NSE)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	NSE
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	3 working days
External Website	https://pru-sheffield.org.uk/

Neurotransmitters (monoamine metabolites, 5-methyltetrahydrofolate, pterins, PLP)

Discipline Responsibility	Biochemistry
Sample Type	CSF
Sample Volume	See protocol (special tubes required)
Storage	Sample must be placed in dry ice as soon as collected to stabilise for transport to the lab. Store frozen upon receipt in lab.
Meditech Code	CSFNEURO
Other information required	Neurotransmitter request form should be completed prior to collection. Form is available on website: www.uclh.nhs.uk Patient should ideally be off L-Dopa for monoamine metabolites.
Postal Address	Neurometabolic Unit, 6th Floor, Institute of Neurology, Queen Square House, Queen Square, London WC1N 3BG
Contact Name	Mr. Nana Ghansah
Contact Telephone Number	0203 44 83835/83818
Contact Email Address	uclh.enquiry.neurometabolic@nhs.net
Dispatch	Send frozen
Turnaround Time	30 working days
External Website	https://www.uclh.nhs.uk/application/files/2816/3102/6037/NMU-FORM-CSF_Neurotransmitter_Request_Form.pdf

Neutrophil Oxidative Burst and Neutrophil Function

Discipline Responsibility	Haematology
Sample Type	Heparin
Sample Volume	5mL
Storage	
Meditech Code	
Other information required	Must reach referral lab by 1pm.
Postal Address	Immunology Department, Clinical Sciences Centre, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	
Contact Telephone Number	0161 276 6440
Contact Email Address	andrew.moran@sfc.nhs.uk
Dispatch	Transport will be allocated by Hotel Services
Turnaround Time	7 working days
External Website	

Newborn Screening (NBS) CFTR genetics

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	
Storage	Room temp
Meditech Code	CFTR
Other information required	Sample sent by NBS.
Postal Address	Northwest Genomic Laboratory Hub, Manchester Centre for Geneomic Medicine, Liverpool Woman's Hospital, Crown Strret, Liverpool, L8 7SS.
Contact Name	
Contact Telephone Number	0151 702 4228
Contact Email Address	dna.liverpool@nhs.net
Dispatch	Local Transport
Turnaround Time	24 hours
External Website	

Newborn Screening (NBS) extended MCADD genetics

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	2 spots
Storage	Room temp
Meditech Code	MCADD XTDNA
Other information required	Sample sent by NBS. Bloodspot should be stabled to a photocopy of the NBS bloodspot card.
Postal Address	Sheffield Diagnostic Genetics Service, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Rachel Hetherington
Contact Telephone Number	0114 271 7021
Contact Email Address	rachel.hetherington@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Newborn Screening (NBS) GA1 genetics

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	
Storage	Room temp
Meditech Code	
Other information required	Sample sent by NBS. Sample sent to Liverpool for DNA extraction only. Analysis performed by Sheffield Genetics Lab.
Postal Address	Northwest Genomic Laboratory Hub, Manchester Centre for Geneomic Medicine, Liverpool Woman's Hospital, Crown Strret, Liverpool, L8 7SS.
Contact Name	
Contact Telephone Number	0151 702 4228
Contact Email Address	dna.liverpool@nhs.net
Dispatch	Local Transport
Turnaround Time	
External Website	

Newborn Screening (NBS) haemoglobinopathy genetics

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	2 spots
Storage	Room temp
Meditech Code	
Other information required	Sample sent by NBS. Bloodspot should be stabled to a photocopy of the NBS bloodspot card.
Postal Address	Sheffield Diagnostic Genetics Service, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Nikolas Niksic
Contact Telephone Number	0114 305 3641
Contact Email Address	nikolas.niksic@nhs.net
Dispatch	First class post
Turnaround Time	14 working days
External Website	

Newborn Screening (NBS) IVA genetics

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	
Storage	Room temp
Meditech Code	
Other information required	Sample sent by NBS. Sample sent to Liverpool for DNA extraction only. Analysis performed by Sheffield Genetics Lab.
Postal Address	Northwest Genomic Laboratory Hub, Manchester Centre for Geneomic Medicine, Liverpool Woman's Hospital, Crown Strret, Liverpool, L8 7SS.
Contact Name	
Contact Telephone Number	0151 702 4228
Contact Email Address	dna.liverpool@nhs.net
Dispatch	Local Transport
Turnaround Time	
External Website	

Newborn Screening (NBS) MCADD genetics

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot
Sample Volume	
Storage	Room temp
Meditech Code	MCADD GENE
Other information required	Sample sent by NBS.
Postal Address	Northwest Genomic Laboratory Hub, Manchester Centre for Geneomic Medicine, Liverpool Woman's Hospital, Crown Strret, Liverpool, L8 7SS.
Contact Name	
Contact Telephone Number	0151 702 4228
Contact Email Address	dna.liverpool@nhs.net
Dispatch	Local Transport
Turnaround Time	24 hours
External Website	

Nitisionone (NTBC) with Succinylacetone

Discipline Responsibility	Biochemistry
Sample Type	Dried Bloodspot. (Lithium Heparin plasma also acceptable)
Sample Volume	2 spots
Storage	Room temp
Meditech Code	NTBC
Other information required	
Postal Address	Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ
Contact Name	Charles Turner
Contact Telephone Number	0207 188 0159
Contact Email Address	charleturner@nhs.net
Dispatch	First class post
Turnaround Time	2 weeks
External Website	

Nitroblue Tetrazolium (NBT)

Discipline Responsibility	Haematology
Sample Type	Whole Blood (Lithium Heparin)
Sample Volume	2mL
Storage	Room Temperature
Meditech Code	
Other information required	Must reach referral lab within 24hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Immunology Department, Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Mo Moody
Contact Telephone Number	029 2074 8350
Contact Email Address	mo.moody@wales.nhs.uk
Dispatch	Courier
Turnaround Time	2 working days
External Website	

Oligoclonal bands

Discipline Responsibility	Biochemistry
Sample Type	CSF and Serum
Sample Volume	50uL
Storage	Fridged
Meditech Code	OLIGO
Other information required	Serum/plasma should ideally be taken ≤ 24 hours of LP to ensure accurate picture of IgG within each compartments. However, samples taken within 2 weeks of each other are acceptable. Paired samples taken outside of this time limit have limited clinical significance.
Postal Address	Neuroimmunology, The Walton Centre NHS Foundation Trust, Lower Lane, Fazakerley, Liverpool, L9 7LJ
Contact Name	Mr. Edward Jackson
Contact Telephone Number	0151 556 3262
Contact Email Address	wcf-tr.neurobiochemistry@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.thewaltoncentre.nhs.uk/neuroscience-laboratories.htm

Oligosaccharides

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	3mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	First class post
Turnaround Time	
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

3-O-Methyldopa (3-OMD)

Discipline Responsibility	
Sample Type	Dried blood spot
Sample Volume	4 blood spots
Storage	Room temp
Meditech Code	
Other information required	
Postal Address	Neurometabolic Unit, 6th Floor, Institute of Neurology, Queen Square House, Queen Square, London WC1N 3BG
Contact Name	
Contact Telephone Number	0203 44 83835/83818
Contact Email Address	uclh.enquiry.neurometabolic@nhs.net
Dispatch	
Turnaround Time	
External Website	

Orexin (hypocretin)

Discipline Responsibility	Biochemistry
Sample Type	CSF
Sample Volume	1mL
Storage	Fridged
Meditech Code	
Other information required	Bloodstained CSF samples are acceptable.
Postal Address	Immunology Department, Churchill Hospital, Churchill Drive, Old Road, Headington, Oxford, OX3 7LE.
Contact Name	
Contact Telephone Number	01865 225995
Contact Email Address	immunology.office@nhs.net
Dispatch	First class post
Turnaround Time	42 working days
External Website	

Organic acids (Post Mortem)

Discipline Responsibility	Biochemistry
Sample Type	Urine/Bladder wash
Sample Volume	5-10mL
Storage	Frozen
Meditech Code	OA PM
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	2 weeks
External Website	

Orotic acid

Discipline Responsibility	Biochemistry
Sample Type	Urine (random/24hr)
Sample Volume	10mL
Storage	Frozen
Meditech Code	OROTIC
Other information required	Note whether random or 24hr urine collection on Meditech and SAS form. If 24hr urine, also note urine volume.
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	2 weeks
External Website	

OTOBLOT or hsp70 or KD68

Discipline Responsibility	Haematology
Sample Type	Serum
Sample Volume	1mL
Storage	
Mediatech Code	
Other information required	Test for protein linked to deafness.
Postal Address	Danielle Mack, Cambridge Life Science Plc, 14 St Thomas Place, Cambridge Business Park, Elys Cambs, CB7 4EX.
Contact Name	Danielle Mack
Contact Telephone Number	01353 645207
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Oxalate (plasma)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	5mL
Storage	Frozen
Meditech Code	
Other information required	Sample must be separated and frozen within 2hrs of collection.
Postal Address	Clinical Biochemistry, 60 Whitfield Street, London, W1T 4EU.
Contact Name	Robin Pryke
Contact Telephone Number	0203 447 9405
Contact Email Address	uclh.enquiry.biochemhelpdesk@nhs.net
Dispatch	Send frozen
Turnaround Time	10 working days
External Website	

Oxalate (urine)

Discipline Responsibility	Biochemistry
Sample Type	Urine (random/24hr) (acidified pH 2.5-5)
Sample Volume	10mL
Storage	Fridged
Meditech Code	UOXALATER/ UOXALATE24
Other information required	Note whether random or 24hr urine collection on Meditech and SAS form. If 24hr urine, also note urine volume. 24 hr samples received in plain urine containers must be acidified within 24 hrs of receipt
Postal Address	Clinical Biochemistry, 60 Whitfield Street, London, W1T 4EU.
Contact Name	Robin Pryke
Contact Telephone Number	0203 447 9405
Contact Email Address	uclh.enquiry.biochemhelpdesk@nhs.net
Dispatch	
Turnaround Time	5 working days
External Website	

Oxysterols

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	2mL
Storage	Frozen
Meditech Code	NPICKC
Other information required	
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	Transport frozen
Turnaround Time	4 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Phosphoethanolamine (PEA)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	5mL
Storage	Frozen
Meditech Code	
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	21 days
External Website	

Pipecholic acid

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma/CSF/Urine
Sample Volume	500uL (serum/plasma)/500uL (CSF)/5mL (urine)
Storage	Frozen
Meditech Code	PIPA/ PIPACSF/ UIPA
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Phenytoin (free)

Discipline Responsibility	Biochemistry
Sample Type	Serum (Lithium heparin plasma also acceptable)
Sample Volume	100uL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	Neuroimmunology, The Walton Centre NHS Foundation Trust, Lower Lane, Fazakerley, Liverpool, L9 7LJ
Contact Name	Mr. Edward Jackson
Contact Telephone Number	0151 556 3262
Contact Email Address	wcf-tr.neurobiochemistry@nhs.net
Dispatch	First class post
Turnaround Time	2 working days
External Website	https://www.thewaltoncentre.nhs.uk/neuroscience-laboratories.htm

Plasma Palmitoyl Phosphocholinesterase (PPCS)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA) / Separated plasma (if transport likely to be delayed by >2 days)
Sample Volume	2mL
Storage	Room temperature
Meditech Code	
Other information required	No obvious interference from haemolysis, lipaemia or icterus
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	James Cooper
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	james.cooper@mft.nhs.uk
Dispatch	First class post
Turnaround Time	4 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Plasmalogens

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	5mL
Storage	Fridged
Meditech Code	PLASMALOGENS
Other information required	Sample must reach referral lab within 24hrs of collection. Ideally samples should be collected Mon-Wed only.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	First class post
Turnaround Time	4 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

Platelet Nucleotides

Discipline Responsibility	Haematology
Sample Type	Whole Blood (Citrated)
Sample Volume	10mL
Storage	
Meditech Code	
Other information required	Inform St James Hospital. Sample must arrive at referral lab within 2hrs of collection. (Liaise with HTC, referral lab and courier).
Postal Address	Specialist Haemostasis Lab, Pathology Dept. Block 32, Chancellors Wing, St. James University Hospital, Beckett Street, Leeds, LS9 7TF.
Contact Name	Gillian Stevens
Contact Telephone Number	0113 206 5620
Contact Email Address	gillian.stevens@leedsth.nhs.uk
Dispatch	Courier
Turnaround Time	4 weeks
External Website	

Polyol Analysis (Ribose-5-phosphate isomerase deficiency)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	2-5mL
Storage	Frozen
Meditech Code	
Other information required	
Postal Address	Department of Clinical Chemistry, Metabolic Unit PK-1-X-00G, VU University Medical Centre, DE Boeleaan 1117, 1081 HV Amsterdam, The Netherlands.
Contact Name	Cornelis Jakobs
Contact Telephone Number	
Contact Email Address	
Dispatch	Frozen
Turnaround Time	
External Website	

Porphobilinogen (PBG)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	3mL
Storage	Frozen
Meditech Code	PBG
Other information required	Sample should be taken at the time of an acute attack. Sample must be protected from light. It is important to include all available clinical details on the request form.
Postal Address	Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Jackie Woolf
Contact Telephone Number	029 2184 3565
Contact Email Address	CAV_porphyrria@wales.nhs.uk
Dispatch	First class post
Turnaround Time	10 working days
External Website	

Porphyrin screen (faeces)

Discipline Responsibility	Biochemistry
Sample Type	Faeces
Sample Volume	5g
Storage	Frozen
Meditech Code	FPORPH
Other information required	Sample must be protected from light. It is important to include all available clinical details on the request form.
Postal Address	Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Jackie Woolf
Contact Telephone Number	029 2184 3565
Contact Email Address	CAV_porphyria@wales.nhs.uk
Dispatch	First class post
Turnaround Time	15 working days
External Website	

Porphyrin screen (plasma)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	5-10mL
Storage	Fridged
Meditech Code	PORPHBLOOD
Other information required	Sample must be protected from light. It is important to include all available clinical details on the request form.
Postal Address	Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Jackie Woolf
Contact Telephone Number	029 2184 3565
Contact Email Address	CAV_porphyria@wales.nhs.uk
Dispatch	First class post
Turnaround Time	10 working days
External Website	

Porphyrin screen (red cell)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	5-10mL
Storage	Fridged
Meditech Code	PORPHBLOOD
Other information required	Sample must be protected from light. It is important to include all available clinical details on the request form.
Postal Address	Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Jackie Woolf
Contact Telephone Number	029 2184 3565
Contact Email Address	CAV_porphyria@wales.nhs.uk
Dispatch	First class post
Turnaround Time	10 working days
External Website	

Porphyrin screen (urine)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	2mL (Ideally taken at time of acute attack)
Storage	Frozen
Meditech Code	UPORPHYRINS
Other information required	Sample must be protected from light. It is important to include all available clinical details on the request form.
Postal Address	Department of Medical Biochemistry and Immunology, University Hospital of Wales, Heath Park, Cardiff, CF14 4XW
Contact Name	Jackie Woolf
Contact Telephone Number	029 2184 3565
Contact Email Address	CAV_porphyrina@wales.nhs.uk
Dispatch	First class post
Turnaround Time	15 working days
External Website	

Pre-albumin (transthyretin)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Procalcitonin (PCT)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	300uL
Storage	Fridged, but must be frozen if not sent within 24 hours of collection.
Meditech Code	PCT
Other information required	Must analyse within 2 days if collection, unless frozen. Stable for 24 hrs at room temperature, and upto 2 days at 4oC. Add-ons not advised due to short stability. Refer to Biochemsit if unsure.
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Lisa Bailey
Contact Telephone Number	0151 706 4230
Contact Email Address	lisa.bailey@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	24 hours
External Website	

Progesterone

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin/EDTA)
Sample Volume	250uL
Storage	Fridged
Meditech Code	PROG
Other information required	To assess ovulation, samples should be taken on day 21 of 28 day cycle (or 7 days before start of period).
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	3 working days
External Website	

Prothrombin Gene Mutation (PGM)

Discipline Responsibility	Haematology
Sample Type	EDTA
Sample Volume	2mL
Storage	
Meditech Code	
Other information required	
Postal Address	Coagulation Department, Haematology, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Mariam Waite
Contact Telephone Number	0151 706 4967
Contact Email Address	mariam.waite@rlubt.nhs.uk
Dispatch	Local Transport
Turnaround Time	
External Website	

Purine and Pyrimidine screen

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	1mL
Storage	Frozen
Meditech Code	PURINE
Other information required	
Postal Address	Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ
Contact Name	Rachel Carling
Contact Telephone Number	0207 188 1266
Contact Email Address	rachel.carling@viapath.co.uk
Dispatch	First class post
Turnaround Time	21 working days
External Website	

Pyridinoline/Deoxypyridinoline cross links (DPD/PYD)

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	10mL
Storage	Fridged
Meditech Code	DPYPYRRATIO
Other information required	Sample must be protected from light.
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	First class post
Turnaround Time	8 weeks
External Website	

Pyrophosphate (PPi)

Discipline Responsibility	
Sample Type	Li Hep blood
Sample Volume	10mL
Storage	Blood must be centrifuged using a Centristart 300,000 kD mass cut off filter (Sartorius), available from referral laboratory.
Meditech Code	MISC
Other information required	For diagnosis of GACI (Generalised Arterial Calcification of Infancy)
Postal Address	Klinik fuer Knider - und Jugendmedizin, Allgemeine Paediatric, Universitaetsklinikum Muenster, Albert-Schweitzer-Campus 1, Gbde, A1, D-48149 Muenster, Germany
Contact Name	Prof Frank Rutsch
Contact Telephone Number	+49 (0)251 83 40013
Contact Email Address	frank.rutsch@ukmuesnster.de , yvonne.nitschke@ukmuenster.de
Dispatch	Frozen on dry ice
Turnaround Time	
External Website	

Pyruvate/lactate ratio

Discipline Responsibility	Biochemistry
Sample Type	Lith Hep Whole Blood (special tube required - ask metabolic BMS)
Sample Volume	500uL
Storage	Freeze immediately after preparation
Meditech Code	MISC
Other information required	Requires 1ml of blood sample adding to special 10ml tube containing 5ml 0.46 mol/L perchloric acid within 10 minutes of sample collection. Tubes prepared by Metabolic (LS). Immediately after collection, thoroughly mix +placed on an ice pack before centrifugation. The sample is spun 5 min 3K rpm at 4°C. The supernatant is separated and kept in the freezer until analysis and analysed within 2 weeks of collection.
Postal Address	Chemical Pathology, Camilia Botnar Laboratories, Great Ormond Street Hospital for Children, Great Ormond Street, London, WC1N 3JH
Contact Name	Helen Aitkenhead
Contact Telephone Number	020 7405 9200, x5009 or bleep 0589
Contact Email Address	helen.aitkenhead@gosh.nhs.uk
Dispatch	Courier on dry ice
Turnaround Time	
External Website	http://www.labs.gosh.nhs.uk/

R3 MRD by Flow Cytometry

Discipline Responsibility	Haematology
Sample Type	ACD (Bone Marrow)
Sample Volume	3-5mL
Storage	
Meditech Code	
Other information required	Contact referral lab to inform them sample is being sent. Research investigation (ALL2003/R3 Leukaemia)-results not reported back to lab. If samples arrive over weekend contact referral lab regarding transport.
Postal Address	Jenny Jesson/Sue Jones, Haematology Department, Medical Laboratory Block, Birmingham Children's Hospital, Whittall Street, Birmingham, B4 6NH
Contact Name	Jenny Jesson/Sue Jones
Contact Telephone Number	0121 333 9865/9868
Contact Email Address	jennifer.jesson@bch.nhs.uk/s.jones@bch.nhs.uk
Dispatch	Use pre-paid blue royal mail boxes. First class post.
Turnaround Time	
External Website	

R3 MRD Samples CIGMR

Discipline Responsibility	Haematology
Sample Type	ACD (Bone Marrow)
Sample Volume	5mL
Storage	
Meditech Code	
Other information required	Please notify the trial manager when sending samples.
Postal Address	Genevive Pridden/Catriona Parker, CIGMR, Stopford Building, Oxford Road, Manchester, M13 9PT.
Contact Name	Genevive Pridden
Contact Telephone Number	0161 275 1622
Contact Email Address	catriona.parker@cancer.org.uk
Dispatch	First class post
Turnaround Time	48 hours
External Website	

Renal stones (calculi)

Discipline Responsibility	Biochemistry
Sample Type	Stone
Sample Volume	10mg
Storage	Fridged
Meditech Code	STONE
Other information required	
Postal Address	Clinical Biochemistry, 60 Whitfield Street, London, W1T 4EU.
Contact Name	Krithika Subramaniam
Contact Telephone Number	0203 447 9405
Contact Email Address	uclh.enquiry.biochemhelpdesk@nhs.net
Dispatch	DX Number: 6630800, DX Exchange: TOTTENHAM CT RD 90W
Turnaround Time	3 working days
External Website	

Renin

Discipline Responsibility	Biochemistry
Sample Type	Plasma (EDTA)
Sample Volume	500uL
Storage	Frozen
Meditech Code	RENIN
Other information required	
Postal Address	Specialist Biochemistry, Level C, Lab and Path Block, Southampton General Hospital, Tremona Road, Southampton, SO16 6YD
Contact Name	Robert Stevens
Contact Telephone Number	02381 208717
Contact Email Address	labresults@uhs.nhs.uk / UHS.dutybiochemist@uhs.nhs.uk
Dispatch	Send frozen
Turnaround Time	5 working days
External Website	

Retinol binding protein (RBP)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Urine
Sample Volume	2mL (serum)/5mL (urine)
Storage	Fridged
Meditech Code	RBPU
Other information required	
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	10 working days
External Website	https://pru-sheffield.org.uk/

Selenium (red cell)

Discipline Responsibility	Biochemistry
Sample Type	Red Cells (Serum/Lithium Heparin/Trace Metal Tube)
Sample Volume	100uL
Storage	Frozen
Meditech Code	RCSE
Other information required	Plasma selenium is the first line test (measured in-house). All samples with plasma selenium below the lower limit of the reference range should be reflexed for measurement of red blood cell selenium.
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	John Wadsworth
Contact Telephone Number	0141 242 9560
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	
External Website	https://www.trace-elements.co.uk

Serum Protein Electrophoresis

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	ELECT
Other information required	Transport samples at ambient temperature
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	3 working days
External Website	https://pru-sheffield.org.uk/

Sex Hormone Binding Globulin (SHBG)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin)
Sample Volume	250uL
Storage	Fridged
Meditech Code	SHBG
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	Local Transport
Turnaround Time	2 working days
External Website	

Sirolimus

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	500uL
Storage	Fridged
Meditech Code	SIROLIMUS
Other information required	
Postal Address	Dept of Biochemistry, Clinical Sciences Building, Wythenshawe Hospital, Manchester University NHS Foundation Trust, Southmoor Road, Wythenshawe, Manchester M23 9LT.
Contact Name	Duty Biochemist
Contact Telephone Number	0161 291 2136
Contact Email Address	mft.biochemistry.wythenshawe@nhs.net
Dispatch	First class post
Turnaround Time	1 working day
External Website	

Steroid profile

Discipline Responsibility	Biochemistry
Sample Type	Urine (random/24hr)
Sample Volume	20mL (10mls minimum ideally). All samples collected will be analysed regardless of volume.
Storage	Fridged
Meditech Code	USTERIODS/ USTERIODS24
Other information required	Note whether random or 24hr urine collection on Meditech and SAS form. If 24hr urine, also note urine volume. It is preferable to collect samples prior to correction of any electrolyte abnormality.
Postal Address	Department of Clinical Biochemistry, Viapath, King's College Hospital, Denmark Hill, London, SE5 9RS.
Contact Name	Dr David Taylor
Contact Telephone Number	0203 299 4131
Contact Email Address	kch-tr.steroidlaboratory@nhs.net
Dispatch	First class post within 4 days of sample collection
Turnaround Time	3 weeks Urgent results can usually be given over the phone within 3 working days.
External Website	

Sulphocysteine

Discipline Responsibility	Biochemistry
Sample Type	Urine
Sample Volume	1mL
Storage	Frozen
Meditech Code	SULPHOCYS
Other information required	
Postal Address	Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ
Contact Name	Mariam Abbasi
Contact Telephone Number	0207 188 1266
Contact Email Address	mariam.abbasi@viapath.co.uk
Dispatch	First class post
Turnaround Time	21 working days
External Website	

Surfactant Genotype

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)/Other e.g. buccal swab
Sample Volume	5mL (blood)
Storage	
Meditech Code	
Other information required	
Postal Address	DNA Specimen Reception, Level 6, York House, Great Ormond Street Hospital, 37 Queen Square, London, WC1N 3BH.
Contact Name	
Contact Telephone Number	020 7762 6888
Contact Email Address	
Dispatch	First class post
Turnaround Time	
External Website	

Teicoplanin

Discipline Responsibility	Biochemistry
Sample Type	Serum (Lithium heparin plasma also acceptable)
Sample Volume	300uL
Storage	Fridged
Meditech Code	TEICO
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Lisa Bailey
Contact Telephone Number	0151 706 4230
Contact Email Address	lisa.bailey@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	24 hours
External Website	

Telomere length by flow-FISH

Discipline Responsibility	Haematology
Sample Type	Whole Blood (EDTA)
Sample Volume	5-10mL
Storage	
Meditech Code	
Other information required	Inform Repeat Diagnostics by email at request@repeatdx.com of date shipped It is very important to collect and ship the blood specimen in the morning and only from Monday to Wednesday Fill in Repeat Diagnostics Requisition Form available @ http://www.repeatdx.com/order-telomere-test/
Postal Address	Telomerdiagnostik, Hamatologisches Labor Klinik fur, Hamatologis, Onkologie, Hamostaseologie und Stammzelltransplantation, Pauwelsstrasse 30, 52074 Aachen
Contact Name	Frau Lucia Vankann
Contact Telephone Number	
Contact Email Address	
Dispatch	Send immediately (within 2 days)
Turnaround Time	
External Website	

Testosterone (mass spec)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	250uL
Storage	Fridged
Meditech Code	TESTOMS
Other information required	
Postal Address	Clinical Biochemistry, 4th Floor Pathology and Pharmacy Building, 80 Newark Street, Whitechapel, London, E1 2ES.
Contact Name	
Contact Telephone Number	020 7377 7000 - bleep 1611 07821 666732
Contact Email Address	bhnt.clinbiochemadvice-barts@nhs.net
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.eselpathology.nhs.uk/download.cfm?doc=docm93jjjm4n5479

Thiopental

Discipline Responsibility	Biochemistry
Sample Type	Serum (Lithium heparin plasma also acceptable)
Sample Volume	500uL
Storage	Frozen
Meditech Code	THIO
Other information required	Sample should be separated immediately upon collection and frozen. Analysis is only available Monday - Friday following prior communication with Paediatric Duty Biochemist at MRI. Samples received by midday will be reported by end of that day. Any samples collected on a Friday or over the weekend should be separated, fro Must note if patient is taking carbamazepine. This test is not suitable for therapeutic drug monitoring but can be used for determining drug levels for end of life or in patients once drug has been withdrawn.
Postal Address	Central Specimen Reception, c/o Clinical Biochemistry, Clinical Sciences Building 3, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Paediatric Duty Biochemist / Chris Reeves
Contact Telephone Number	0161 701 2255
Contact Email Address	duty.paedbiochemist@mft.nhs.uk
Dispatch	Send frozen
Turnaround Time	24 hours (Mon-Fri)
External Website	https://mft.nhs.uk/app/uploads/2020/01/Thiopental-serum.pdf

Thiopurine metabolites (6-TGN/6-MMPN)/ AZA metabolites

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	2ml
Storage	Fridged (do not freeze)
Meditech Code	AZA
Other information required	Sample must reach referral laboratory within 5 days of collection.
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 5025
Contact Email Address	BCPSpathology.info@nhs.net
Dispatch	First class post (recorded if close to 10 day cutoff)
Turnaround Time	2 working days
External Website	http://www.cityassays.org.uk/6-TGN.html

Thrombophilia Screen-includes PROTEIN C, AND S, ATIII,APCR,APCRV, FVL, PGM

Discipline Responsibility	Haematology
Sample Type	Plasma (Citrated) (If FVL and PGM required need EDTA also)
Sample Volume	2mL (3x1.3mL coag samples)
Storage	
Meditech Code	
Other information required	FVL.PGM samples send daily. Thrombophilia screen samples send weekly (store in H1 freezer).
Postal Address	Coagulation Department, Haematology, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Mariam Waite
Contact Telephone Number	0151 706 4967
Contact Email Address	mariam.waite@rlubt.nhs.uk
Dispatch	Local Transport
Turnaround Time	
External Website	

Thyroglobulin (Tg)

NB. This is not the same as anti- thyroglobulin antibodies

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	2mL
Storage	Fridged
Meditech Code	THYROGLOBULIN
Other information required	Some samples will need to be sent to Birmingham Queen Elizabeth. Check with DB prior to sending.
Postal Address	PRU and Immunology Dept, Laboratory Medicine Building, North Lane, Northern General Hospital, Herries Road, Sheffield, S5 7AU.
Contact Name	Mr. Kevin Green
Contact Telephone Number	0114 271 5552
Contact Email Address	sht-tr.enquiriesPRUsheffield@nhs.net
Dispatch	DX Address: Protein Reference Unit, PO Box 894, Sheffield, S5 7YT. DX Number: 6261402
Turnaround Time	2 working days
External Website	https://pru-sheffield.org.uk/

Toxicology screen

Discipline Responsibility	Biochemistry
Sample Type	Urine preferred (Serum/plasma (Lithium Heparin) samples are also acceptable).
Sample Volume	5mL
Storage	Fridged
Meditech Code	TOXICBSCREEN/ TOXICFLSCREEN/ TOXICUSCREEN
Other information required	No weekend/OOH service is available for urgent Tox requests. Samples received after 4pm will be despatched next working day. Please advise of urgent requests. All OOH requests MUST be discussed by the requesting consultant with the on-call toxicology Cons
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 4138
Contact Email Address	swbh.toxicology@nhs.net
Dispatch	First class Recorded (not on Fridays as post room is shut over WE).
Turnaround Time	1 working day
External Website	http://www.cityassays.org.uk/Urine%20Drugs%20of%20Abuse.html

TPMT

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	2mL
Storage	Fridged
Meditech Code	TPMT
Other information required	Sample must reach referral laboratory within 14 days of collection. Samples from patients who have received a recent blood transfusion can give misleading results. Provide details of recent transfusions (within 90 days). TPMT genotyping is reflexed for all results <35 mU/L. If a TPMT genotype is required regardless of TPMT activity state TPMT genotype on request form.
Postal Address	Postal Reception, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ
Contact Name	
Contact Telephone Number	0121 507 5025
Contact Email Address	BCPSpathology.info@nhs.net
Dispatch	First class post
Turnaround Time	1 working day
External Website	

Transferrin (TRF) Glycoforms (aka transferrin isoelectric focusing)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	100uL
Storage	Fridged
Meditech Code	GLYCOFORM
Other information required	Plasma samples are also suitable for analysis if not EDTA plasma. Haemolysed samples are unsuitable. Test may be unreliable in neonates younger than three weeks due to the presence of maternal transferrin. Recent transfusion may invalidate the result - do not accept samples <3 weeks post transfusion.
Postal Address	Neuroimmunology and CSF Laboratory, Institute of Neurology (NHNN) Box 76, Queen Square, London, WC1N 3BG.
Contact Name	Dr. Melanie Hart
Contact Telephone Number	020 3448 3812
Contact Email Address	uclh.enquiry.nhnn-nicl@nhs.net
Dispatch	Send recorded
Turnaround Time	9 working days
External Website	

Trimethylamine

Discipline Responsibility	Biochemistry
Sample Type	Urine (random/24hr)
Sample Volume	10mL
Storage	Acidify to pH2 with HCl. Store frozen
Meditech Code	UTMA
Other information required	Note whether random or 24hr urine collection on Meditech and SAS form. If 24hr urine, also note urine volume.
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	8 weeks
External Website	

Tryptase (Mast Cell Tryptase)

Discipline Responsibility	Biochemistry
Sample Type	Serum
Sample Volume	3mL
Storage	Fridged
Meditech Code	TRYPTASE
Other information required	
Postal Address	Clinical Immunology, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Ian Robinson
Contact Telephone Number	0151 706 4350
Contact Email Address	Trevor.Robinson@rlbuht.nhs.uk
Dispatch	First class post/Local Transport
Turnaround Time	7 working days
External Website	

Tumour markers (CA125, CA19-9, CA153, CEA, PSA)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin/EDTA)
Sample Volume	300uL
Storage	Fridged
Meditech Code	CA125/ CA19-9/ CA15-3/ CEA/ PSA
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4755
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	7 working days
External Website	

Type-1 procollagen peptide (P1NP)

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (EDTA)
Sample Volume	500uL
Storage	Frozen
Meditech Code	P1NP
Other information required	
Postal Address	Eastern Pathology Alliance, Laboratory Medicine East Block, Level 1, Norfolk and Norwich University NHS Foundation Trust, Colney Lane, Norwich, NR4 7UY.
Contact Name	Dr. Allison Chipchase
Contact Telephone Number	01603 289419 Duty biochemist: 01603 646685
Contact Email Address	SAASBoneMetabolism@nnuh.nhs.uk nnuh.labmedresults@nnuh.nhs.uk
Dispatch	First class post
Turnaround Time	2 weeks
External Website	

Valproate

Discipline Responsibility	Biochemistry
Sample Type	Serum (preferred)/Plasma
Sample Volume	500uL
Storage	Stable for 2 days at RT, 7 days at 2-8C or 3 months at -20C
Meditech Code	VALP
Other information required	
Postal Address	Dept of Clinical Biochemistry, LCL Clinical Support Services Building, Mount Vernon Street, Liverpool, L7 8YE
Contact Name	Anna Milan
Contact Telephone Number	0151 706 4011
Contact Email Address	anna.milan@rlbuht.nhs.uk
Dispatch	Local Transport
Turnaround Time	<72 hrs
External Website	

Very Long Chain Fatty Acids (VLCFA) including Phytanic and Pristanic Acid

Discipline Responsibility	Biochemistry
Sample Type	Serum/Plasma (Lithium Heparin/EDTA)
Sample Volume	500uL
Storage	Frozen
Meditech Code	VLCFA
Other information required	
Postal Address	Dept. of Clinical Chemistry and Newborn Screening, Sheffield Children's NHS Foundation Trust, Western Bank, Sheffield, S10 2TH.
Contact Name	Claire Hart
Contact Telephone Number	0114 271 7307
Contact Email Address	scn-tr.metabolic.sch@nhs.net
Dispatch	First class post
Turnaround Time	6 weeks
External Website	

Vitamin B1 (Thiamine)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (Lithium Heparin/EDTA)
Sample Volume	350uL
Storage	Fridged but freeze if not sent immediately). Ask Biochemistry BMS.
Meditech Code	VITB1
Other information required	In TPN Patients, a fasting sample or sample collected 8 hours after last feed. Sample should reach referral lab within 72hrs of collection. If not possible, store whole blood frozen until sending and then send by first class post (ice or dry ice not required).
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	John Wadsworth
Contact Telephone Number	0141 242 9560
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.trace-elements.co.uk/vitamin-b1.asp

Vitamin B2

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (Lithium Heparin/EDTA) (PROTECT FROM LIGHT)
Sample Volume	1mL
Storage	Fridged (freeze packed red cells if not sent immediately). Ask Biochemistry BMS.
Meditech Code	
Other information required	Sample should reach referral lab within 72hrs of collection. If not possible, prepare red cells (minimum volume 300 µL) by removing and discarding plasma and buffy layer (mark clearly on tube that they are red cells) and store frozen until sending and then Samples should be protected from light.
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	John Wadsworth
Contact Telephone Number	0141 242 9560
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	4 working days
External Website	https://www.trace-elements.co.uk/vitamin-b2.asp

Vitamin B6

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (Lithium Heparin/EDTA) (PROTECT FROM LIGHT)
Sample Volume	1mL
Storage	Fridged (freeze packed red cells if not sent immediately). Ask Biochemistry BMS.
Meditech Code	VITB6
Other information required	Sample should reach referral lab within 72hrs of collection. If not possible, prepare red cells (minimum volume 300 µL) by removing and discarding plasma and buffy layer (mark clearly on tube that they are red cells) and store frozen until sending and then Samples should be protected from light.
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	John Wadsworth
Contact Telephone Number	0141 242 9560
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.trace-elements.co.uk/vitamin-b6.asp

Vitamin B6 (PLP) (plasma)

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin/EDTA)
Sample Volume	600uL
Storage	Protect from light.+ fridged (store frozen packed cells if not sent immediately - Ask BMS senior).
Meditech Code	VITB6
Other information required	Used in the investigation of hypophosphataesia. Sample should reach referral lab within 72hrs of collection. If not possible, prepare red cells (minimum volume 300 µL) by removing and discarding plasma and buffy layer (mark clearly on tube that they are red cells) and store frozen until sending and th Samples should be protected from light.
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	John Wadsworth
Contact Telephone Number	0141 242 9560
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	5 working days
External Website	https://www.trace-elements.co.uk/vitamin-b6.asp

Vitamin C

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin/EDTA)
Sample Volume	250uL
Storage	Frozen
Meditech Code	VITC
Other information required	Stabilise plasma by adding equal volumes of plasma and 6% metaphosphoric acid (Metabolic fridge, B3). Mix for 30secs and freeze in the -80 degrees C freezer (samples have limited stability at -20 degrees C).
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	John Wadsworth
Contact Telephone Number	0141 242 9560
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	4 working days
External Website	https://www.trace-elements.co.uk/vitamin-c.asp

Vitamin K

Discipline Responsibility	Biochemistry
Sample Type	Plasma (Lithium Heparin/EDTA)
Sample Volume	500ul
Storage	Protect from light
Meditech Code	
Other information required	Sample should reach referral lab within 72hrs of collection. If not possible, store plasma frozen until sending and then send by first class post (ice or dry ice not required).
Postal Address	Dept.of Clinical Biochemistry, MacEwan Building, Glasgow Royal Infirmary, Castle Street, Glasgow, G4 0SF
Contact Name	Louise Boughen
Contact Telephone Number	0141 242 9578
Contact Email Address	Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk
Dispatch	First class post
Turnaround Time	6 working days
External Website	https://www.trace-elements.co.uk/vitamin-k.asp

VW Binding Assay and VW Multimers

Discipline Responsibility	Haematology
Sample Type	Plasma (Citrated)
Sample Volume	2 x 0.5mL
Storage	Frozen
Meditech Code	
Other information required	
Postal Address	Royal Hallamshire Hospital, Glossop Road, Sheffield.
Contact Name	Annetee Bowyer/Karen Goodfellow
Contact Telephone Number	0114 271 2955
Contact Email Address	
Dispatch	Frozen
Turnaround Time	
External Website	

White Cell and Plasma Lysosomal Enzyme Screen (WCE)

Discipline Responsibility	Biochemistry
Sample Type	Whole Blood (EDTA)
Sample Volume	5mL (ideal) Please consult Duty Biochemist if sample <5mls in volume
Storage	Fridged
Meditech Code	WCE
Other information required	Sample must reach referral lab within 72hrs of collection. (Ideally collect sample Mon-Wed only). Contains chitotriosidase, β -hexosaminidase A+B, β -mannosidase, β -hexosaminidase A, aspartylglucosaminidase, β -glucuronidase, β -galactosidase, α -mannosidase, α -galactosidase, α -fucosidase, acid esterase, arylsulphatase A, β -glucosidase, sphingomyelinase, galactocerebrosidase, N-acetyl- α -galactosaminidase.
Postal Address	Willink Biochemical Genetics Laboratory, Manchester Centre for Genomic Medicine, St. Mary's Hospital, Manchester University NHS Foundation Trust, Oxford Road, Manchester, M13 9WL.
Contact Name	Robert Gibson
Contact Telephone Number	0161 701 2137/8612
Contact Email Address	mft.willink-enquiries@nhs.net
Dispatch	Special delivery
Turnaround Time	4 weeks
External Website	https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc

White cell cystine (WCC)

Discipline Responsibility	Biochemistry
Sample Type	Lithium Heparin Whole blood (White Cell prep).
Sample Volume	5mL
Storage	Frozen at -70oC
Meditech Code	WCC
Other information required	
Postal Address	Genetics Laboratory, 5th Floor, Tower Wing, Guys Hospital, Great Maze Pond, London, SE1 9RT.
Contact Name	Philip Crook / Catherine Bradford
Contact Telephone Number	0207 188 1969 / 2582
Contact Email Address	metabolicsenzymes@synnovis.co.uk / catherine.bradford@synnovis.co.uk
Dispatch	Send frozen
Turnaround Time	3 weeks
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Discipline Responsibility	
Sample Type	
Sample Volume	
Storage	
Meditech Code	
Other information required	
Postal Address	
Contact Name	
Contact Telephone Number	
Contact Email Address	
Dispatch	
Turnaround Time	
External Website	

Links

Please note: links are only correct at time of printing

Controlled Document links:

- **Document: Biochemistry 4923: List of Referral Laboratories** v2.4 (Authorised)
- **SOP: BC SOP-0017: Procedure for Processing Sendaway samples (SAS)** v10.1 (Authorised)
- **Document: Biochemistry 4904: SAS Data File** v7.4 (Authorised)
- **Document: Alder Hey 2290: Referral test information acceptance form** v1.3 (Authorised)
- **SOP: Biochemistry 1936: Vetting of Referred Work** v1.11 (Authorised)
- **SOP: PA SOP-0002: Procedure for Specimen Transportation** v2.7 (Authorised)
- **SOP: Biochemistry 1126: Role and Responsibilities of the Duty Biochemist and Postal Biochemist** v2.5 (Authorised)

Changes In This Version

APPROVED CHANGE REQUESTS ===== Change requested by Suzanne Armitage on 06-Jan-2025 Amend sample requirements for gut hormones to 3 mls EDTA plasma Approved by Suzanne Armitage on 06-Jan-2025 Approver Comments: Change requested by Darren Powell on 14-Jan-2025 For White Cell Cystine, the current contact details for the Guys Genetics lab is 0207 188 1969 / 2582. The assay is in the process of moving over to the metabolic biochem lab, but is handled by genetics in the meantime. Approved by Suzanne Armitage on 16-Jan-2025 Approver Comments: Change requested by Suzanne Armitage on 16-Jan-2025 All iohexol samples should be being sent by special delivery not 1st class post. Approved by Suzanne Armitage on 16-Jan-2025 Approver Comments: Change requested by Lorcan Wardle (Inactive) on 17-Jan-2025 Can "yvonne.stewart@ggc.scot.nhs.uk" be removed from red cell selenium. She no longer works in this area Approved by Suzanne Armitage on 20-Jan-2025 Approver Comments: Change requested by Catherine Collingwood on 17-Jan-2025 Address for City Hospital Birmingham now changed to: Postal Reception Sandwell General Hospital Lyndon West Bromwich B71 4HJ Approved by Suzanne Armitage on 22-Jan-2025 Approver Comments: Change requested by Suzanne Armitage on 22-Jan-2025 Please add entry for PLP/PA ratio for hypophosphatasia patients - 600ul plasma required - can be frozen if not being sent timely. Sample analysed at Glasgow Trace elements lab. Approved by Suzanne Armitage on 22-Jan-2025 Approver Comments: Change requested by Suzanne Armitage on 28-Jan-2025 Please add pipercholic acid back into SAS handbook (removed in July 2024) Approved by Suzanne Armitage on 28-Jan-2025 Approver Comments: Change requested by Matthew Curley on 29-Jan-2025 For TPMT, change the contact number to 01215075025 for the new Sandwell site. Change other information first line to 'Samples must reach referral laboratory within 14 days of sample collection' Approved by Suzanne Armitage on 01-Feb-2025 Approver Comments: Change requested by Natasha Halpin on 30-Jan-2025 Interferon signature gene expression assay (research and development assay) Requested by Rheumatology who have liaised with GOSH. Word document for instructions sent to DB nhs.net account. Assay requires Paxgene tubes. MC has Paxgene sample process formal protocol Word document summary emailed from GOSH as follows: Interferon signature / interferonopathy screen to GOSH Ensure PAX tube is in date and filled to just at the bottom of the red ribbon on the PAX tube. Bring sample to Alder Hey lab to be processed and sent to GOSH. 1. Contact name in GOSH: mark.davis2@gosh.nhs.uk 2. Need Paxgene tubes: GOSH would need to send to us by post, if we give them our address. 3. collection instructions: in pdf in the folder and also copy of request form. Post collection (Section B6) I would let the tube stand upright overnight and then freeze at -20. This may then be shipped to us on dry ice for processing. 4. request form: there is no tick box for Interferon Gene Signature however just include this under other. Control sample not needed Interferon signature gene expression assay (research and development assay) | Great Ormond Street Hospital Approved by Suzanne Armitage on 09-Jul-2025 Approver Comments: Change requested by Suzanne Armitage on 01-Feb-2025 Please amend TAT for the following tests, following communication from the Oxford lab: Fixed NMDA receptor Ab - now 12 days MuSK Abs - now 26 days Voltage gated potassium channel Antibodies - now 17 days Approved by Suzanne Armitage on 01-Feb-2025 Approver Comments:

Change requested by Catherine Collingwood on 04-Feb-2025 Aza metabolites: "In-house studies show that thiopurine metabolites are stable for at least 7 days at 4°C but for less than 3 days at room temperature." Stability information needs clarification - both 5 days and 10 days stated. Thanks Approved by Suzanne Armitage on 26-Feb-2025 Approver Comments: Change requested by Laura Kiely on 12-Feb-2025 Address for DHPR and Biopterin is Laboratory postal address Pathology reception, NBS & Biochemical Genetics Paediatric Laboratory Medicine Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH Delivery address for Couriers Pathology reception, NBS & Biochemical Genetics Paediatric Laboratory Medicine Birmingham Children's Hospital Whittal Street Birmingham B4 6DH Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Laura Kiely on 12-Feb-2025 D alctate info from referral lab review Separated sample is stable for 2 days at room temperature OR 7 days at 2-8C Approved by Suzanne Armitage on 26-Feb-2025 Approver Comments: Change requested by Natasha Halpin on 14-Feb-2025 Letter from Oxford University hospitals CSF Voltage Gated Potassium Channel Antibody (RIA) testing CSF Voltage Gated Potassium Channel Ab (RIA) testing has been withdrawn from 17th March 2025 No longer accepting from this point Although will continue to offer Leucine-rich glioma-inactivated (LGI-1) and Contactin-associated protein-like 2 (CASPR2) ab testing by indirect immunofluorescence on CSF samples CSF Oligoclonal Banding testing service No longer be offering the CSF Oligoclonal Banding assay outside of the South 4 pathology network Any new requests outside this network received from 10/03/25 will be reported as: Not Tested =*, with comments'As per letter issues on 11/02/25, unable to perform CSF oligoclonal banding'. SAS book refers to Walton Neuro Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Suzanne Armitage on 26-Feb-2025 Update stability information for white cell cystine to 24 hrs as per email from Catherine Collingwood 26/2/25 Approved by Suzanne Armitage on 26-Feb-2025 Approver Comments: Change requested by Matthew Curley on 27-Feb-2025 For tests that are sent to Salford (metadrenalines and laxative screening) add contact email address as srh-tr.biochemistry.results@nca.nhs.uk For MRI tests which have the email address duty.biochemist@mft.nhs.uk, this address is no longer active, please change this to mft.orc.blood.sciences.results@nhs.net Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Natasha Halpin on 14-Mar-2025 Plasmalogens - ok to go within 72 hours of collection, not 24 hours Confirmed by Daniel clinical scientist Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Catherine Collingwood on 27-Mar-2025 NMDA receptor Abs if sending to The Walton Centre CSF only required (no paired serum) Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Natasha Halpin on 28-Mar-2025 For PLP/PA analysis update to sample requirements: Plasma (fasting sample required**) - for investigation/monitoring of hypophosphatasia only. Please write only 'plasma PLP/PA ratio' on request form (PLEASE DO NOT WRITE VITAMIN B6) and include clinical details. If sending sample from outwith NHS GGC please send only plasma (do not send whole blood or red cells unless these are required for other tests). Light-sensitive; wrap in tin foil (red cell and plasma). Plasma: Send by first class post to arrive within 72 hours of collection. If delivery to Glasgow will be outwith 72 hours store plasma frozen until sending and then send by first class post(ice or dry ice not required). Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Suzanne Armitage on 04-Apr-2025 Change anti-MUSK Ab test from Oxford to Walton centre and then mark all other Oxford immunology tests as N/A - see DB for alternative lab, following contact from Oxford regarding issues with LIMS. Approved by Suzanne Armitage on 04-Apr-2025 Approver Comments: Change requested by Suzanne Armitage on 09-Apr-2025 Changes to immunology tests which currently go to Oxford: MOG, AQP4. MuSK & orexin - still send to Oxford NMDA, VGCC & VGKC - send to Walton Any other Oxford tests - consult DB for new referral lab to use Approved by Suzanne Armitage on 09-Apr-2025 Approver Comments: Change requested by Suzanne Armitage on 16-Apr-2025 Please update email address for FA1AT: ImmunologylabSWLP@stgeorges.nhs.uk Approved by Suzanne Armitage on 16-Apr-2025 Approver Comments: Change requested by Suzanne Armitage on 16-Apr-2025 Please update email address for PRU: sht-tr.BloodSciences@nhs.net Approved by Suzanne Armitage on 17-Apr-2025 Approver Comments: Change requested by Suzanne Armitage on 17-Apr-2025 Please change Nitisinone analysis to Birmingham Children's Hospital as the London lab are currently not offering this test. Approved by Suzanne Armitage on 17-Apr-2025 Approver Comments: Change requested by Matthew Curley on 17-Apr-2025 For CH50/AP100, please add to other information box: Please ensure that CH50 & AP is written on the request form. If volume is sufficient, provide four aliquots with minimum 300ul in each.

If less volume is available, send fewer aliquots with the minimum volume. Approved by Suzanne Armitage on 17-Apr-2025 Approver Comments: Change requested by Natasha Halpin on 22-Apr-2025 Biopterin analysis - 6 spots must be directly taken from the heel. Sample unsuitable if collected into lithium heparin and spotted onto the card. Confirmed with Birmingham. Approved by Suzanne Armitage on 29-May-2025 Approver Comments: Change requested by Natasha Halpin on 22-Apr-2025 Pilocarpic acid now reinstated - for CSF 0.5ml required. Store at -20 and send by first class post. TAT is 3-6 weeks Approved by Suzanne Armitage on 29-May-2025 Approver Comments: Change requested by Natasha Halpin on 24-Apr-2025 Fabry's blood spot cards to go willink are stable in the post after 72 hrs. Ideally arrive within this time but are ok. Confirmed with willink. Approved by Suzanne Armitage on 29-May-2025 Approver Comments: Change requested by Natasha Halpin on 25-Apr-2025 A-glucosidase ok to be spotted from whole blood and sent on Monday (from Friday) Approved by Suzanne Armitage on 29-May-2025 Approver Comments: Change requested by Natasha Halpin on 25-Apr-2025 Cardiolipin - can be lithium heparin or whole blood and spotted onto card if not already. Confirmed with UCLH Approved by Suzanne Armitage on 04-Jun-2025 Approver Comments: Change requested by Matthew Curley on 28-May-2025 Please change the address for DPYD genotype from St Thomas' Hospital to; Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ Approved by Suzanne Armitage on 04-Jun-2025 Approver Comments: Change requested by Matthew Curley on 04-Jun-2025 Please add contact number for Guys Genetics Lab for White Cell Cystine: 020 7188 2592 Approved by Suzanne Armitage on 04-Jun-2025 Approver Comments: Change requested by Catherine Collingwood on 10-Jun-2025 Change of address for sulphocysteine (email in nhs.net inbox 03/06/25: Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ Approved by Suzanne Armitage on 17-Jun-2025 Approver Comments: Change requested by Natasha Halpin on 23-Jun-2025 Message from Rue Ball (Synnovis): Please send samples that used to go to St Thomas' or King's College Hospital to our new Hub: Central Specimen Reception Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ Samples sent to the old address will still get to the right place, but will be delayed by about a day. Approved by Suzanne Armitage on 06-Aug-2025 Approver Comments: Change requested by Natasha Halpin on 27-Jun-2025 From 30 June, please ensure you send all the samples listed below directly to the hub laboratory at: Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ The immunology and biochemistry tests that must be sent to the hub from 30 June are: Purine and Pyrimidine Gene Variant Analysis (including DPYD extended panel for fluoropyrimidine toxicity) Purine and Pyrimidine Gene Carrier Analysis For each of the tests detailed above, please be assured that there will be no changes to the way you order them, sample requirements and reference ranges. You will continue to receive results as you do today. Reporting comments may be different for some service users, but this will have no clinical impact on the interpretation of results. Approved by Suzanne Armitage on 09-Jul-2025 Approver Comments: Change requested by Natasha Halpin on 15-Jul-2025 White cell cystine - update from guys. Location in the SAS book is correct (no longer performed at the Wellchild as before). Method is in x2 parts LCMS and protein. We are also able to send the whole blood sample ROOM TEMP without doing the sample prep as long as it arrived at the referral lab the next day. Please inform the laboratory when the sample is being sent. Summary from email: Whole blood lithium heparin samples are acceptable if we receive them within 30 hours from venesection (i.e. by the following day). These must be kept at ambient temperature and a volume of 3 mL is required (although we can get away with 1.5 mL as an absolute minimum). Alternatively, if you are able to complete the white cell prep, your end then pellets are happy at -70 as we discussed. Our address for samples is: Biochemical Genetics: 5th Floor Tower Wing Guy's Hospital Great Maze Pond London SE1 9RT New contact: Philip Crook MetabolicEnzymes@synnovis.co.uk Approved by Suzanne Armitage on 06-Aug-2025 Approver Comments: Change requested by Darren Powell on 15-Jul-2025 Add link to neurotransmitter request form - current link just takes to dept page. Finding the form link isn't clear anymore. https://www.uclh.nhs.uk/application/files/2816/3102/6037/NMU-FORM-CSF_Neurotransmitter_Request_Form.pdf Approved by Suzanne Armitage on 06-Aug-2025 Approver Comments: Change requested by Darren Powell on 16-Jul-2025 Please add contact details for the White cell cystine lab - recently moved to a different synnovis site: New contact details: catherine.bradford@synnovis.co.uk Biochemical Genetics | Guy's Hospital | London | SE1 9RT Telephone number: 020 7188 2592 Catherine.Bradford@synnovis.co.uk MetabolicEnzymes@synnovis.co.uk Approved by Suzanne Armitage on 06-Aug-2025 Approver Comments: Change requested by Matthew Curley on 18-Jul-2025 For ELF testing,

please change the contact email address from Chris Duff to biochemistry.uhns@nhs.net Approved by Suzanne Armitage on 06-Aug-2025 Approver Comments:

Document Revision History

Change Requested on 02-Sep-2025 15:10 by Darren Powell

Darren Powell Requested Change: 'Hi Can a new test be added please? Test: anti IL1-RA antibody Sample serum sample TAT: TBC Cost: TBC but approx £260 Postal Address Department of Clinical Biochemistry and Immunology, Level E4, Box 109, Addenbrooke's Hospital, Cambridge, CB2 0QQ. Contact Name Dr. Raine Doffinger Contact Telephone Number 01223 217441 (office) / 01223 348145 (lab) Contact Email Address r.doffinger@nhs.net'

Change Requested on 29-Aug-2025 11:07 by Joanne Rudkin

Joanne Rudkin Requested Change: 'Can we update the address for FIT testing to: Biochemistry Department, Whiston Hospital, Nightingale House, Warrington Road, Rainhill, Prescot, L35 5DR'

Change Requested on 29-Aug-2025 09:53 by Laura Kiely

Laura Kiely Requested Change: 'Specimen reception will spin, separate and hand the VIT C plasma to the BMS for acidification-'

Change Request Rejected on 29-Aug-2025 09:52 by Laura Kiely

Laura Kiely rejected change request: "NEQ change request - updated "

Change Requested on 28-Aug-2025 15:13 by Natasha Halpin

Natasha Halpin Requested Change: 'Fenfluramine assay - updated guideline from NICE r.e. TDM. Ayyas offered at Chalfont (not UKAS accredited). Please see Chalfont lab handbook. '

Change Request Approved on 27-Aug-2025 10:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 27-Aug-2025 10:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 27-Aug-2025 10:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 19-Aug-2025 11:37 by Matthew Curley

Matthew Curley Requested Change: 'Please change the location for sending anti-NMDA antibodies (serum and CSF), anti-VGCC, anti-VGKC, anti-MuSK antibodies to the Walton.'

Change Requested on 14-Aug-2025 15:21 by Laura Kiely

Laura Kiely Requested Change: 'Can we change the storage for Vitamin C to state Acidify prior to freezing to prevent incidents such as 24686 and 24794 from occurring again, which involved the samples being added straight to the freezer before acidification '

Change Requested on 11-Aug-2025 11:44 by Matthew Curley

Matthew Curley Requested Change: 'For CH50/AP100, please add to other information box: Please ensure that CH50 & AP is written on the request form. If volume is sufficient, provide four aliquots with 300ul in each. If less volume is available, send 1 aliquot with 300ul and the remaining aliquots with 100ul minimum.'

Change Request Approved on 08-Aug-2025 09:20 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 07-Aug-2025 17:09 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change contact email address for Oxford immunology to: Immunologylab.enquiries@ouh.nhs.uk'

Superseded on 07-Aug-2025 10:01 by Catherine Collingwood

Version 11.17 superseded by version 11.18

Authorised on 07-Aug-2025 10:01 by Catherine Collingwood

Authorised version 11.18 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2025-08-07 The document was originally due for review on 27-Dec-2026

Document Published on 07-Aug-2025 10:01 by Catherine Collingwood

The document was published and is ready to be used.

Authorisation Approved on 07-Aug-2025 10:01 by Catherine Collingwood

The user Approved the authorisation request.

Authorisation requested on 06-Aug-2025 14:10 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 06-Aug-2025 14:10.

Set Pending Authorisation on 06-Aug-2025 14:10 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Change Requested on 06-Aug-2025 14:09 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change of referral lab for nitisonone and succinylacetone to BCH - discussed and agreed at Clinical Scientist meeting 10/7/25'

Change Requested on 06-Aug-2025 14:09 by Suzanne Armitage

Laura Kiely Requested Change: 'I cannot see Mycophenolate on the schedule of accreditation for St Georges Hospital. Analytical services when entered into UKAS website brings up the number 8285 which has an address of Pathology, Barts Health NHS Trust, Pathology and Pharmacy Building, Royal London Hospital, 80 Newark Street, London E1 2ES, United Kingdom, however, Mycophenolate does not appear on this schedule either '

Change Requested on 06-Aug-2025 14:09 by Suzanne Armitage

Darren Powell Requested Change: 'Add the Test code for EPO, or if non existent raise a request to create one. This follows confusion over how best to process an EPO Erythropoietin request'

Change Requested on 06-Aug-2025 14:09 by Suzanne Armitage

Darren Powell Requested Change: 'Please review entry for 'Disaccharidase, Intestinal'.. test. See email from Claire M 28/05/25 about the discontinuation of the jejunal biopsy disaccharidases service at MFT from 1st Aug. '

Change Requested on 06-Aug-2025 14:09 by Suzanne Armitage

Darren Powell Requested Change: 'CMPN Harmonisation: Recommended for everyone to move ELF to WHH Faecal Elastase to LCL To be discussed at Feb's Clin Sci Meeting '

Draft Created on 06-Aug-2025 14:09 by Suzanne Armitage

Reason: Inclusion of change requests

Change Request Approved For Future Version on 06-Aug-2025 14:05 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Rejected on 06-Aug-2025 14:04 by Suzanne Armitage

Suzanne Armitage rejected change request: "Previous change request covering this"

Change Request Approved on 06-Aug-2025 14:04 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 06-Aug-2025 14:03 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 06-Aug-2025 13:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved For Future Version on 06-Aug-2025 13:59 by Suzanne Armitage

Suzanne Armitage approved for future version change request: "To add to next revision"

Change Request Approved on 06-Aug-2025 13:56 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 06-Aug-2025 13:54 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 29-Jul-2025 09:02 by Laura Kiely

Laura Kiely Requested Change: 'I cannot see Mycophenolate on the schedule of accreditation for St Georges Hospital. Analytical services when entered into UKAS website brings up the number 8285 which has an address of Pathology, Barts Health NHS Trust, Pathology and Pharmacy Building, Royal London Hospital, 80 Newark Street, London E1 2ES, United Kingdom, however, Mycophenolate does not appear on this schedule either '

Change Requested on 28-Jul-2025 15:07 by Matthew Curley

Matthew Curley Requested Change: 'Please replace the email address for Sheffield Children's from Claire Hart to scn-tr.metabolic.sch@nhs.net (9 tests are sent there)'

Change Requested on 18-Jul-2025 12:10 by Matthew Curley

Matthew Curley Requested Change: 'For ELF testing, please change the contact email address from Chris Duff to biochemistry.uhns@nhs.net'

Change Requested on 16-Jul-2025 14:11 by Darren Powell

Darren Powell Requested Change: 'Please add contact details for the White cell cytochrome lab - recently moved to a different synnovis site: New contact details: catherine.bradford@synnovis.co.uk Biochemical Genetics | Guy's Hospital | London | SE1 9RT Telephone number: 020 7188 2592 Catherine.Bradford@synnovis.co.uk MetabolicEnzymes@synnovis.co.uk '

Change Requested on 15-Jul-2025 15:55 by Darren Powell

Darren Powell Requested Change: 'Add link to neurotransmitter request form - current link just takes to dept page. Finding the form link isn't clear anymore. https://www.uclh.nhs.uk/application/files/2816/3102/6037/NMU-FORM-CSF_Neurotransmitter_Request_Form.pdf '

Change Requested on 15-Jul-2025 12:42 by Natasha Halpin

Natasha Halpin Requested Change: 'White cell cystine - update from guys. Location in the SAS book is correct (no longer performed at the wellchild as before). Method is in x2 parts LCMS and protein. We are also able to send the whole blood sample ROOM TEMP without doing the sample prep as long as it arrived at the referral lab the next day. Please inform the laboratory when the sample is being sent. Summary from email: Whole blood lithium heparin samples are acceptable if we receive them within 30 hours from venesection (i.e. by the following day). These must be kept at ambient temperature and a volume of 3 mL is required (although we can get away with 1.5 mL as an absolute minimum). Alternatively, if you are able to complete the white cell prep. your end then pellets are happy at -70 as we discussed. Our address for samples is: Biochemical Genetics: 5th Floor Tower Wing Guy's Hospital Great Maze Pond London SE1 9RT New contact: Philip Crook MetabolicEnzymes@synnovis.co.uk'

Change Requested on 10-Jul-2025 12:20 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change of referral lab for nitrosonone and succinylacetone to BCH - discussed and agreed at Clinical Scientist meeting 10/7/25'

Change Request Approved on 09-Jul-2025 17:27 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 09-Jul-2025 16:20 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved For Future Version on 09-Jul-2025 16:09 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Requested on 27-Jun-2025 10:14 by Natasha Halpin

Natasha Halpin Requested Change: 'From 30 June, please ensure you send all the samples listed below directly to the hub laboratory at: Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ The immunology and biochemistry tests that must be sent to the hub from 30 June are: Purine and Pyrimidine Gene Variant Analysis (including DPYD extended panel for fluoropyrimidine toxicity) Purine and Pyrimidine Gene Carrier Analysis For each of the tests detailed above, please be assured that there will be no changes to the way you order them, sample requirements and reference ranges. You will continue to receive results as you do today. Reporting comments may be different for some service users, but this will have no clinical impact on the interpretation of results.'

Change Requested on 23-Jun-2025 15:24 by Natasha Halpin

Natasha Halpin Requested Change: 'Message from Rue Ball (Synnovis): Please send samples that used to go to St Thomas' or King's College Hospital to our new Hub: Central Specimen Reception Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ Samples sent to the old address will still get to the right place, but will be delayed by about a day.'

Change Request Approved on 17-Jun-2025 14:28 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 10-Jun-2025 10:15 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Change of address for sulphocysteine (email in nhs.net inbox 03/06/25: Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ '

Change Request Approved on 04-Jun-2025 15:31 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 04-Jun-2025 15:31 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 04-Jun-2025 15:31 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 04-Jun-2025 10:16 by Matthew Curley

Matthew Curley Requested Change: 'Please add contact number for Guys Genetics Lab for White Cell Cystine: 020 7188 2592'

Change Requested on 02-Jun-2025 15:49 by Darren Powell

Darren Powell Requested Change: 'Please review entry for 'Disaccharidase, Intestinal'.. test. See email from Claire M 28/05/25 about the discontinuation of the jejunal biopsy disaccharidases service at MFT from 1st Aug. '

Change Request Approved on 29-May-2025 12:26 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-May-2025 12:25 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-May-2025 12:25 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-May-2025 12:25 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 28-May-2025 11:47 by Matthew Curley

Matthew Curley Requested Change: 'Please change the address for DPYD genotype from St Thomas' Hospital to; Central Specimen Reception Synnovis Friars Bridge Court 41-43 Blackfriars Road London SE1 8NZ'

Change Requested on 25-Apr-2025 11:27 by Natasha Halpin

Natasha Halpin Requested Change: 'Cardilipin - can be lith hep or whole blood and spotted onto caard if not already. Confirmed with UCLH'

Change Requested on 25-Apr-2025 10:08 by Natasha Halpin

Natasha Halpin Requested Change: 'A-glucosidase ok to be spotted from whole blood and sent on monday (from friday)'

Change Requested on 24-Apr-2025 11:40 by Natasha Halpin

Natasha Halpin Requested Change: 'Fabrys blood spot cards to go willink are stable in the post after 72 hrs. Ideally arrive within this time but are ok. Confirmd with willink.'

Change Request Rejected on 24-Apr-2025 11:40 by Natasha Halpin

Natasha Halpin rejected change request: "***Fabrys confirmed "

Change Requested on 24-Apr-2025 11:39 by Natasha Halpin

Natasha Halpin Requested Change: 'Pompe blood spots can be sent in the post after 72 hrs. Confirmed with Willink (spots are stable)'

Change Requested on 22-Apr-2025 14:14 by Natasha Halpin

Natasha Halpin Requested Change: 'Pipecolic acid now reinstated - for CSF 0.5ml required. Store at -20 and send by first class post. TAT is 3-6 weks '

Change Requested on 22-Apr-2025 10:29 by Natasha Halpin

Natasha Halpin Requested Change: 'Biopterin analysis - 6 spots must be directly taken from the heel. Sample unsuitable if collected into lithium hep and spotted onto the card. Confirmed with birmingham.'

Change Request Approved on 17-Apr-2025 15:33 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Apr-2025 13:56 by Matthew Curley

Matthew Curley Requested Change: 'For CH50/AP100, please add to other information box: Please ensure that CH50 & AP is written on the request form. If volume is sufficient, provide four aliquots with minimum 300ul in each. If less volume is available, send fewer aliquots with the minimum volume.'

Change Request Approved on 17-Apr-2025 10:22 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 17-Apr-2025 10:22 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Apr-2025 10:22 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change Nitisinone analysis to Birmingham Children's Hospital as the London lab are currently not offering this test.'

Change Requested on 16-Apr-2025 14:46 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update email address for PRU: sht-tr.BloodSciences@nhs.net'

Change Request Approved on 16-Apr-2025 14:35 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 16-Apr-2025 14:35 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update email address for FA1AT: ImmunologylabSWLP@stgeorges.nhs.uk'

Change Request Rejected on 09-Apr-2025 12:56 by Suzanne Armitage

Suzanne Armitage rejected change request: "Change request already submitted for this"

Change Request Approved on 09-Apr-2025 12:56 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 09-Apr-2025 12:56 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Changes to immunology tests which currently go to Oxford: MOG, AQP4. MuSK & orexin - still send to Oxford NMDA, VGCC & VGKC - send to Walton Any other Oxford tests - consult DB for new referral lab to use '

Change Requested on 08-Apr-2025 12:28 by Darren Powell

Darren Powell Requested Change: 'Amend EPO entry to include the test code.'

Change Request Approved on 04-Apr-2025 17:27 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 04-Apr-2025 17:27 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change anti-MUSK Ab test from Oxford to Walton centre and then mark all other Oxford immunology tests as N/A - see DB for alternative lab, following contact from Oxford regarding issues with LIMS.'

Change Request Approved For Future Version on 04-Apr-2025 15:57 by Suzanne Armitage

Suzanne Armitage approved for future version change request: "Referral test information form sent to contact for completion as required prior to inclusion in the SAS handbook"

Change Request Approved on 04-Apr-2025 15:35 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 04-Apr-2025 15:34 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 04-Apr-2025 15:34 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 04-Apr-2025 15:34 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved For Future Version on 04-Apr-2025 15:34 by Suzanne Armitage

Suzanne Armitage approved for future version change request: "IT contacted re: EPO code. If no code, it will take time to set up a new code so this change will be added to the next revision of this document. "

Change Request Approved on 04-Apr-2025 15:32 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 04-Apr-2025 15:31 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 04-Apr-2025 13:15 by Darren Powell

Darren Powell Requested Change: 'Add the Test code for EPO, or if non existent raise a request to create one. This follows consensus over how best to process an EPO Erythropoietin request'

Change Requested on 28-Mar-2025 15:50 by Natasha Halpin

Natasha Halpin Requested Change: 'For PLP/PA analysis update to sample requirements: Plasma (fasting sample required**) – for investigation/monitoring of hypophosphatasia only. Please write only 'plasma PLP/PA ratio' on request form (PLEASE DO NOT WRITE VITAMIN B6) and include clinical details. If sending sample from outwith NHS GGC please send only plasma (do not send whole blood or red cells unless these are required for other tests). Light-sensitive; wrap in tin foil (red cell and plasma). Plasma: Send by first class post to arrive within 72 hours of collection. If delivery to Glasgow will be outwith 72 hours store plasma frozen until sending and then send by first class post (ice or dry ice not required).'

Change Requested on 27-Mar-2025 09:54 by Catherine Collingwood

Catherine Collingwood Requested Change: 'NMDA receptor Abs if sending to The Walton Centre CSF only required (no paired serum)'

Change Requested on 14-Mar-2025 14:20 by Natasha Halpin

Natasha Halpin Requested Change: 'Plasmalogens - ok to go within 72 hours of collection, not 24 hours Confirmed by Daniel clinical scientist '

Change Requested on 27-Feb-2025 16:58 by Matthew Curley

Matthew Curley Requested Change: 'For tests that are sent to Salford (metadrenalines and laxative screening) add contact email address as srh-tr.biochemistry.results@nca.nhs.uk For MRI tests which have the email address duty.biochemist@mft.nhs.uk, this address is no longer active, please change this to mft.orc.blood.sciences.results@nhs.net'

Change Request Approved on 26-Feb-2025 11:30 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 26-Feb-2025 11:30 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Update stability information for white cell cystine to 24 hrs as per email from Catherine Collingwood 26/2/25'

Change Request Approved on 26-Feb-2025 11:29 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Feb-2025 11:29 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Feb-2025 10:44 by Natasha Halpin

Natasha Halpin Requested Change: 'Letter from Oxford University hospitals CSF Voltage Gated Potassium Channel Antibody (RIA) testing CSF Voltage Gated Potassium Channel Ab (RIA) testing has been withdrawn from 17th March 2025 No longer accepting from this point Although will continue to offer Leucine-rich glioma-inactivated (LGI-1) and Contactin-associated protein-like 2 (CASPR2) ab testing by indirect immunofluorescence on CSF samples CSF Oligoclonal Banding testing service No longer be offering the CSF Oligoclonal Banding assay outside of the South 4 pathology network Any new requests outside this network received from 10/03/25 will be reported as: Not Tested =*, with comments'As per letter issues on 11/02/25, unable to perform CSF oligoclonal banding'. SAS book refers to Walton Neuro '

Change Requested on 12-Feb-2025 14:27 by Laura Kiely

Laura Kiely Requested Change: 'D alctate info from referral lab review Separated sample is stable for 2 days at room temperature OR 7 days at 2-8C '

Change Requested on 12-Feb-2025 14:09 by Laura Kiely

Laura Kiely Requested Change: 'Address for DHPR and Biopterin is Laboratory postal address Pathology reception, NBS & Biochemical Genetics Paediatric Laboratory Medicine Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH Delivery address for Couriers Pathology reception, NBS & Biochemical Genetics Paediatric Laboratory Medicine Birmingham Children's Hospital Whittal Street Birmingham B4 6DH'

Change Requested on 04-Feb-2025 13:19 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Aza metabolites: "In-house studies show that thiopurine metabolites are stable for at least 7 days at 4°C but for less than 3 days at room temperature." Stability information needs clarification - both 5 days and 10 days stated. Thanks'

Change Request Approved For Future Version on 03-Feb-2025 15:54 by Suzanne Armitage

Suzanne Armitage approved for future version change request: "To be discussed at the next Clinical Scientist meeting in February 2025"

Change Requested on 03-Feb-2025 13:15 by Darren Powell

Darren Powell Requested Change: 'CMPN Harmonisation: Recommended for everyone to move ELF to WHH Feac Elastase to LCL To be discussed at Feb's Clin Sci Meeting'

Change Request Approved on 01-Feb-2025 12:26 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 01-Feb-2025 12:26 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 01-Feb-2025 12:26 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please amend TAT for the following tests, following communication from the Oxford lab: Fixed NMDA receptor Ab - now 12 days MuSK Abs - now 26 days Voltage gated potassium channel Anbs - now 17 days'

Change Requested on 30-Jan-2025 11:47 by Natasha Halpin

Natasha Halpin Requested Change: 'Interferon signature gene expression assay (research and development assay) Requested by Rheumatology who have liased with GOSH. Word document for instructions sent to DB nhs.net account. Assay requires Paxgene tubes. MC has Paxgene sample prcess formal protocol Word document summary emailed from GOSH as follows: Interferon signature / interferonopathy screen to GOSH Ensure PAX tube is in date and filled to just at the bottom of the red ribbon on the PAX tube. Bring sample to Alder Hey lab to be processed and sent to GOSH. 1. Contact name in GOSH: mark.davis2@gosh.nhs.uk 2. Need Paxgene tubes: GOSH would need to send to us by post, if we give them our address. 3. collection instructions: in pdf in the folder and also copy of request form. Post collection (Section B6) I would let the tube stand upright overnight and then freeze at -20. This may then be shipped to us on dry ice for processing. 4. request form: there is no tick box for Interferon Gene Signature however just include this under other. Control sample not needed Interferon signature gene expression assay (research and development assay) | Great Ormond Street Hospital'

Change Requested on 29-Jan-2025 14:53 by Matthew Curley

Matthew Curley Requested Change: 'For TPMT, change the contact number to 01215075025 for the new Sandwell site. Change other information first line to 'Samples must reach referral laboratory within 14 days of sample collection' '

Change Request Approved on 28-Jan-2025 08:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 28-Jan-2025 08:48 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add pipecholic acid back into SAS handbook (removed in July 2024)'

Change Request Approved on 22-Jan-2025 17:07 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Jan-2025 17:07 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add entry for PLP/PA ratio for hypophosphatasia patients - 600ul plasma required - can be frozen if not being sent timely. Sample analysed at Glasgow Trace elements lab.'

Change Request Approved on 22-Jan-2025 17:06 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 20-Jan-2025 12:44 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Jan-2025 10:54 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Address for City Hospital Birmingham now changed to: Postal Reception Sandwell General Hospital Lyndon West Bromwich B71 4HJ'

Change Requested on 17-Jan-2025 10:30 by Lorcan Wardle (Inactive)

Lorcan Wardle Requested Change: 'Can "yvonne.stewart@ggc.scot.nhs.uk" be removed from red cell selenium. She no longer works in this area'

Change Request Approved on 16-Jan-2025 11:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 16-Jan-2025 11:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 16-Jan-2025 11:59 by Suzanne Armitage

Suzanne Armitage Requested Change: 'All iohexol samples should be being sent by special delivery not 1st class post.'

Change Requested on 14-Jan-2025 12:11 by Darren Powell

Darren Powell Requested Change: 'For White Cell Cystine, the current contact details for the Guys Genetics lab is 0207 188 1969 / 2582. The assay is in the process of moving over to the metabolic biochem lab, but is handled by genetics in the meantime.'

Change Request Rejected on 14-Jan-2025 11:57 by Darren Powell

Darren Powell rejected change request: "to be updated "

Change Requested on 14-Jan-2025 11:56 by Darren Powell

Darren Powell Requested Change: 'Review (missing) lab details for the White Cell Cystine test. The test is current listed as going to the Genetics lab but the reports come back from the following. WELLCHILD LABORATORY Arctic (1st Floor), Evelina Children's Hospital, St Thomas's Hospital, Lambeth Palace Road, London SE1 7EH Telephone 020 718 80159'

Change Request Approved on 06-Jan-2025 13:17 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Jan-2025 13:17 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Amend sample requirements for gut hormones to 3 mls EDTA plasma'

Document Published on 02-Jan-2025 09:49 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 02-Jan-2025 09:49 by Catherine Collingwood

Version 11.16 superseded by version 11.17

Authorisation Approved on 02-Jan-2025 09:49 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 02-Jan-2025 09:49 by Catherine Collingwood

Authorised version 11.17 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2025-01-02 The document was originally due for review on 12-Nov-2026

Authorisation requested on 27-Dec-2024 11:14 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 27-Dec-2024 11:14.

Set Pending Authorisation on 27-Dec-2024 11:14 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 27-Dec-2024 11:13 by Suzanne Armitage

Reason: Change requests actioned

Change Request Approved on 20-Dec-2024 16:19 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Rejected on 20-Dec-2024 16:16 by Suzanne Armitage

Suzanne Armitage rejected change request: "This test is no longer available at Newcastle Hospital and so no further information is required in the SAS handbook entry other than to guide staff that this test is not available."

Change Request Approved on 17-Dec-2024 11:56 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Dec-2024 11:56 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please remove PTHrP testing - not currently available at Norwich (or anywhere else in the UK !)'

Change Request Approved on 17-Dec-2024 09:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 17-Dec-2024 09:37 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 12-Dec-2024 09:37 by Lorcan Wardle (Inactive)

Lorcan Wardle Requested Change: 'For oxalate (urine) DX should be removed please. This lab no longer use DX and any samples sent to this DX account will be sent back to us. Any alternative courier can be used instead. '

Change Requested on 10-Dec-2024 13:27 by Darren Powell

Darren Powell Requested Change: 'Please add an entry for the test 'glycine receptor antibodies' - which exists on Meditech under the requestable code ' Glycine Rec' The test is offered by sheffiled PRU. 2ml serum, ambient postage: <https://sheffieldlaboratorymedicine.nhs.uk/search-test.php?search=2878> Thank you!'

Change Request Approved on 03-Dec-2024 12:55 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 03-Dec-2024 12:55 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Update TGN lab tel mber to 0121 507 5025'

Change Requested on 29-Nov-2024 10:34 by Matthew Curley

Matthew Curley Requested Change: 'Iohexol contact number for Oxford incorrect, please replace with 01865 857791. Please also add 'OOH contact number for courier: 01865 220465'. Thanks.'

Change Request Approved on 27-Nov-2024 17:05 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 27-Nov-2024 16:59 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change referral lab for DBS 17-OHP to Newcastle as per SAS referral lab form'

Change Request Approved on 27-Nov-2024 16:52 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 27-Nov-2024 16:51 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change referral lab for sirolimus to Wythenshawe as per completed SAS referral form'

Change Request Approved on 27-Nov-2024 13:22 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 27-Nov-2024 13:02 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 27-Nov-2024 13:02 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please amend contact details for Barts for 17-OHp etc: Bleep via switch 1611 DB mobile: 07821 666732'

Change Requested on 22-Nov-2024 16:52 by Rachel Smith

Rachel Smith Requested Change: 'URINE ACYLCARNITINE - Incomplete sections in SAS guide no guidelines specified for staff. '

Change Requested on 21-Nov-2024 16:41 by Matthew Curley

Matthew Curley Requested Change: 'Please increase turnaround time for GAD antibodies from 5 working days to 10 working days. Also increase the turnaround time for anti-zinc transporter 8 (ZnT8) antibodies from 5 working days to 10 working days.'

Change Request Approved on 21-Nov-2024 09:13 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 19-Nov-2024 13:12 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change Dihydropyrimidine dehydrogenase to DPYD genotype.

Contact name erin.emmett@gstt@nhs.uk 020 7188 7652 Thanks '

Change Request Approved on 14-Nov-2024 11:06 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Nov-2024 11:06 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update the Norwich contact details for 1,25 vit D etc to:

SAASBONEMETABOLISM@NNUH.NHS.UK'

Change Request Approved on 14-Nov-2024 10:16 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Nov-2024 10:16 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change B-carotene from St Helier to Glasgow (see emailed form from Matt Curley)'

Authorisation Approved on 12-Nov-2024 17:09 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 12-Nov-2024 17:09 by Catherine Collingwood

Authorised version 11.16 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2024-11-12 The document was originally due for review on 03-Oct-2026

Document Published on 12-Nov-2024 17:09 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 12-Nov-2024 17:09 by Catherine Collingwood

Version 11.15 superseded by version 11.16

Authorisation requested on 12-Nov-2024 16:10 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 12-Nov-2024 16:10.

Set Pending Authorisation on 12-Nov-2024 16:10 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 12-Nov-2024 16:08 by Suzanne Armitage

Reason: Inclusion of change requests

Change Request Approved on 01-Nov-2024 15:19 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 01-Nov-2024 10:29 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add details for iohexol as per email from CC'

Change Request Approved on 01-Nov-2024 10:29 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 01-Nov-2024 10:28 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 31-Oct-2024 11:43 by Matthew Curley

Matthew Curley Requested Change: 'For TPMT, from 18th November, the postal address is to be changed from City Hospital Birmingham to the following address; Specialist Chemistry Postal Reception, Pathology Department, Sandwell General Hospital, Lyndon, West Bromwich, B71 4HJ thanks'

Change Requested on 30-Oct-2024 10:42 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update contact email addresses for Southampton lab: labresults@uhs.nhs.uk / UHS.dutybiochemist@uhs.nhs.uk'

Authorised on 03-Oct-2024 15:29 by Catherine Collingwood

Authorised version 11.15 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2024-10-03 The document was originally due for review on 13-Oct-2025

Document Published on 03-Oct-2024 15:29 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 03-Oct-2024 15:29 by Catherine Collingwood

Version 11.14 superseded by version 11.15

Authorisation Approved on 03-Oct-2024 15:29 by Catherine Collingwood

The user Approved the authorisation request.

Authorisation requested on 03-Oct-2024 11:54 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 03-Oct-2024 11:54.

Set Pending Authorisation on 03-Oct-2024 11:54 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 03-Oct-2024 10:43 by Suzanne Armitage

Reason: Incorporation of change requests

Change Requested on 03-Oct-2024 10:43 by Suzanne Armitage

Darren Powell Requested Change: '1) For MUSK tets, add referral site url: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/musk-antibodies.aspx> 2) For MOG Abs add referral site url: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/myelin-oligodendrocyte-glycoprotein-antibodies.aspx> 3a) Create entry for LRP4- Test info: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/clustered-achr.aspx> 3b) DP - ask Nicki/Pam to create a test code for LRP4 (same Oxford lab as the other MOG/MUSK tests)'

Change Requested on 03-Oct-2024 10:43 by Suzanne Armitage

Lis Smith Requested Change: 'Aluminium samples should NOT be separated before dispatch to City Hospital. Please leave as a clotted Al tube.'

Change Requested on 01-Oct-2024 17:30 by Lis Smith

Lis Smith Requested Change: 'Aluminium samples should NOT be separated before dispatch to City Hospital. Please leave as a clotted Al tube.'

Change Requested on 23-Sep-2024 10:10 by Darren Powell

Darren Powell Requested Change: '1) For MUSK tets, add referral site url: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/musk-antibodies.aspx> 2) For MOG Abs add referral site url: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/myelin-oligodendrocyte-glycoprotein-antibodies.aspx> 3a) Create entry for LRP4- Test info: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/clustered-achr.aspx> 3b) DP - ask Nicki/Pam to create a test code for LRP4 (same Oxford lab as the other MOG/MUSK tests)'

Change Request Verified on 29-Aug-2024 17:31 by Suzanne Armitage

Suzanne Armitage verified change request: "Website link added to all Willink tests in handbook to enable access to up to date information"

Change Request Approved on 29-Aug-2024 17:29 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-Aug-2024 17:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Rejected on 29-Aug-2024 17:19 by Suzanne Armitage

Suzanne Armitage rejected change request: "CSF cytokines is included int he cytokine profile which we curently send to Addenbrookes. Please advise if you are advising a change of referral lab to GOSH."

Change Request Approved on 29-Aug-2024 17:18 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-Aug-2024 17:17 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-Aug-2024 10:37 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-Aug-2024 10:34 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 29-Aug-2024 10:34 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 29-Aug-2024 10:28 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 29-Aug-2024 10:24 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 29-Aug-2024 10:10 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 10:08 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 10:06 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 10:03 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 10:03 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected on 29-Aug-2024 10:01 by Suzanne Armitage

Suzanne Armitage rejected change request: "IL6 is currently sent to PRU - please clarify whether you wish to change IL6 to Addenbrookes to include CSF or to add IL6 CSF at Addenbrookes as a separate test. Thanks"

Change Request Rejected on 29-Aug-2024 09:59 by Suzanne Armitage

Suzanne Armitage rejected change request: "No informationa available for inclusion in this version - will await update from LCL"

Change Request Rejected on 29-Aug-2024 09:59 by Suzanne Armitage

Suzanne Armitage rejected change request: "Email sent to Charlotte Harborow at LCL - awaiting update so not available for inclusion in this version"

Change Request Verified on 29-Aug-2024 09:56 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 09:55 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 09:54 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 09:53 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected on 29-Aug-2024 09:52 by Suzanne Armitage

Suzanne Armitage rejected change request: "This is detailed in the vetting SOP for Clinical Scientist to add TFTs if not requesteds with Cys C."

Change Request Rejected on 29-Aug-2024 09:52 by Suzanne Armitage

Suzanne Armitage rejected change request: "Further investigation has shown that Eurofins is not a reliable referral lab for PTHrP"

Change Request Verified on 29-Aug-2024 09:51 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 09:51 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 09:49 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 29-Aug-2024 09:49 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Requested on 07-Aug-2024 14:19 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please replace CH100 with CH50 (see email 07/08/24) Thanks'

Change Requested on 31-Jul-2024 17:33 by Matthew Curley

Matthew Curley Requested Change: 'Updates to Anti-Mullerian Hormone (AMH): Sample volume: 250ul. Dispatch: First class post, send frozen if not sent within 7 days of sample collection.'

Change Requested on 26-Jul-2024 10:02 by Lorcan Wardle (Inactive)

Lorcan Wardle Requested Change: 'Cardiolipin/Monocardiolipin- Please include "MCLCL/CL Ratio" in the entry as new Meditech code is "CARDIOLIPINS (MCLCL/CL RATIO)" Thank you Email from Pam Day 25.07.2024'

Change Requested on 15-Jul-2024 14:59 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change referral lab for cholinesterase to Cardiff Toxicology laboratories. EDTA plasma 0.5mL required. Send by 1st calss post.'

Change Requested on 12-Jul-2024 14:15 by Darren Powell

Darren Powell Requested Change: 'Update to the Anti-Ganglioside Antibodies page please: Add additional target list to 'Other Information' box: "Other information required: Anti-ganglioside & anti-glycolipid antibodies: GM1, GM2, GD1a, GD1b, Gq1B. Used as part of the Ix into conditions such as multifocal neuropathy, Miller-Fisher syndrome and Guillain-Barre syndrome." Also include -> External website: <https://www.ouh.nhs.uk/immunology/diagnostic-tests/tests-catalogue/ganglioside-antibodies.aspx> Thanks '

Change Requested on 04-Jul-2024 16:13 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add CSF cytokines - Immunology GOSH. Can be sent at ambient temp if the sample will arrive within 24h. If not store at -80oC and send frozen with paired serum. Thanks'

Change Requested on 04-Jul-2024 13:00 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pipecholic acid testing no longer available at Sheffield. If we receive any requests: For suspected peroxisomal disorders VLCFA is the best first line test For pyridoxine-dependent epilepsy urine AASA should be requested. '

Change Requested on 03-Jul-2024 17:09 by Darren Powell

Darren Powell Requested Change: 'Latest info for the CSF Cytokine Profile test for reviewing.. Please alos add a link to the request proforma saved on our Teams folder: Cytokine proforma_V9 Sep21 version_V3.doc Email from Dr Doffinger to DP 03/07/24 : Please collect into regular clinical endotoxin free sampling tubes . Make sure there is no environmental contamination (e.g. disinfect sampling site) Suggest to supply a separated serum sample in parallel Please freeze asap after sampling and send frozen to address below I attached our proforma. This is mainly for functional testing. We do not need other samples or control samples . Kind regards Rainer (Tel: 01223 217441 (office), 01223 348145 (Lab)) Copy of Cytokine proforma saved on our Teams folder drive: Cytokine proforma_V9 Sep21 version_V3.doc'

Change Request Verified on 02-Jul-2024 09:52 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 02-Jul-2024 09:52 by Suzanne Armitage

Suzanne Armitage approved change request: "Checked with SRFT - no longer available within their Trust so test details removed."

Change Request Verified on 01-Jul-2024 16:30 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 01-Jul-2024 16:20 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 01-Jul-2024 16:20 by Suzanne Armitage

Suzanne Armitage approved change request: "Duplicate request - Lorcan Wardle kindly provided details of new referral lab"

Change Request Verified on 01-Jul-2024 16:17 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 01-Jul-2024 10:47 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 01-Jul-2024 10:43 by Suzanne Armitage

Suzanne Armitage verified change request: "Minimum volume left as 600ul "

Change Request Verified on 01-Jul-2024 10:14 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 01-Jul-2024 10:03 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 01-Jul-2024 10:03 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 01-Jul-2024 09:17 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 01-Jul-2024 09:16 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 01-Jul-2024 09:14 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 01-Jul-2024 09:10 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 01-Jul-2024 09:08 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 01-Jul-2024 09:08 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 26-Jun-2024 11:13 by Darren Powell

Darren Powell Requested Change: 'New number for the Urine Steroid Lab: 0203 299 4131 (direct) '

Change Request Approved For Future Version on 20-Jun-2024 11:23 by Laura Kiely

Laura Kiely approved for future version change request: "Approved at QM 20.6.2024"

Change Requested on 18-Jun-2024 11:44 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please update contact for purine research lab (Lynette Fairbanks) to rachel.carling@viapath.co.uk Thanks'

Change Request Approved For Future Version on 06-Jun-2024 13:42 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 06-Jun-2024 13:41 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 06-Jun-2024 13:41 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 06-Jun-2024 13:41 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 06-Jun-2024 13:41 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved on 06-Jun-2024 13:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 03-Jun-2024 10:18 by Darren Powell

Darren Powell Requested Change: 'For the Urine Toxicology entry, change the wording in the test details box from 'Samples received after 4pm will be analysed next working day' to 'Samples received after 4pm will be dispatched next working day', to prevent any misunderstanding from users thinking we perform the analysis ourselves. n.b the SAS book is available externally. Thanks darren '

Change Requested on 31-May-2024 10:42 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change ACE samples to transport on frozen ice packs versus dry ice as per information provided by LCL re: sample stability: Stability 4oC: -20oC: ACE 4 Weeks 6 Months'

Change Requested on 30-May-2024 14:15 by Darren Powell

Darren Powell Requested Change: 'Can an entry be added for Adenosine Deaminase 2 (ADA2) please? We currently send these to GOSH - full lab details below: A special rrequest form must be completed and sent with the sample. https://media.gosh.nhs.uk/documents/Immunology_Request_Form_-_Molecular_PID.doc I've verbally confirmed with them that the test requires: a) If sending same/next day - separated serum sent at RT b) if delayed sending - separate serum and freeze at -80oC. Send on dry ice. Lith Hep Plasma is not indicated due to to suspicion of potential interference in the assay, although the Amsterdam UMC lab offering this test(likely with the same method/reagents) only accepts lith hep. Supraregional Service for Molecular Diagnosis of Primary Immune Deficiencies Department of

Immunology Level 2 Camelia Botnar Laboratories, Great Ormond Street Hospital, London WC1N 3JH ph: 0207 829 8835

Change Requested on 28-May-2024 17:06 by Lorcan Wardle (Inactive)

Lorcan Wardle Requested Change: 'Can the referral laboratory for Cholinesterase be changed to Cardiff toxicology please (see email). '

Change Requested on 10-May-2024 16:45 by Darren Powell

Darren Powell Requested Change: 'Need to check if the following test is still availability. I don't think it is as the lab/person details are very out of date.. Polymorph Function Test-Adhesion Screen (CD11 and CD18)'

Change Request Approved on 10-May-2024 10:08 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 10-May-2024 09:57 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update FGF23 info to say samples must be sent frozen. Minimum sample volume 270ul EDTA plasma.'

Change Request Approved on 08-May-2024 16:01 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 08-May-2024 16:01 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Apr-2024 16:53 by Carys Morgan

Carys Morgan Requested Change: 'Sirolimus storage in fridge'

Change Requested on 17-Apr-2024 15:28 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add PPCS (Niemann-Pick C). 2mL EDTA blood. Send as whole blood or separated plasma if transport is likely to be delayed by >2 days. Transport at ambient temperature. Send to Willink. Thanks'

Change Requested on 04-Apr-2024 13:46 by Darren Powell

Darren Powell Requested Change: 'Cholinesterase change of referral site required before 1st June 24. CMFT to discontinue offering the test. Emails to nhs.net inbox 04/04/24: Stated alternatives: North Bristol NHS Trust at Southmead Hospital and Cardiff Toxicology laboratory Following a review of our specialist services we will be discontinuing the service for cholinesterase activity and phenotyping from 1 st June 2024. This is due to a significant decrease in demand for the service that has made continuation unviable. There are two UKAS accredited departments in the UK that are continuing to offer this service – North Bristol NHS Trust at Southmead Hospital and Cardiff Toxicology laboratory. If you require and further information, please do not hesitate to get in touch.'

Change Request Approved on 03-Apr-2024 11:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 03-Apr-2024 11:06 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update faecal elastase SAS details - samples now being sent directly to Wythenshawe'

Change Request Approved on 22-Mar-2024 16:21 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Mar-2024 16:21 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Add oligosaccharides - moving to Willink from in-house testing'

Change Request Approved on 22-Mar-2024 16:21 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 21-Mar-2024 14:28 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Update contact info for EPO entry: 0204 513 7300 option 1 / customerservices@synnovis.co.uk'

Change Request Approved on 21-Mar-2024 09:54 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 21-Mar-2024 09:54 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Add neopterin into bioterin test information for clarity (Biopterin testing includes biopterin & neopterin analysis)'

Change Request Approved on 13-Mar-2024 15:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 13-Mar-2024 15:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 13-Mar-2024 15:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 11-Mar-2024 11:05 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change TAT for the following tests to 10 days: Alpha-1-acid glycoprotein Alpha-2-macroglobulin Haptoglobin / Haemopexin Pre-albumin Retinol Binding Protein Amyloid A Thanks'

Change Requested on 06-Mar-2024 14:15 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Updated telephone number for Gut Hormone results 020 331 33949 Thanks'

Change Requested on 06-Mar-2024 10:43 by Darren Powell

Darren Powell Requested Change: 'Add a note to both Urine Oxalate and Urine Glycolate to say that samples collected in a plain container must be acidified within 24 hours of receipt. As confirmed verbally with the SL/TDL lab DB (DP, 05/03/24). thanks '

Change Request Approved For Future Version on 22-Feb-2024 14:18 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 22-Feb-2024 14:18 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 22-Feb-2024 14:18 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Requested on 14-Feb-2024 17:27 by Darren Powell

Darren Powell Requested Change: 'Please update the entry for IL-6 to add CSF as a compatible sample type. Details from the Addenbrookes lab: We do test for IL6 and we can do this as well in CSF. Sample must be taken into a standard serum sampling tube which should be endotoxin free. Immediately freeze sample and send frozen.'

Change Requested on 05-Feb-2024 13:27 by Darren Powell

Darren Powell Requested Change: 'Elasatse about to go live at LCL. ? consider'

Change Requested on 01-Feb-2024 11:45 by Darren Powell

Darren Powell Requested Change: 'C&M repatriated tests to monitor. As of 1st Feb 24: NSE about to go live at LCL Warrington about to go live with ELF Charlotte H looking at C&M regional SAS harmonisation/repatriation. - ask her for an update '

Change Request Approved on 22-Jan-2024 13:41 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 22-Jan-2024 13:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 20-Jan-2024 12:46 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please update TAT for islet cell Abs to 10 working days'

Change Requested on 10-Jan-2024 09:30 by Darren Powell

Darren Powell Requested Change: 'Add/change the email address for Gilbert's result queries to mft.genomics@nhs.net.Thanks'

Change Request Approved on 03-Jan-2024 13:25 by Suzanne Armitage

Suzanne Armitage approved change request: "Further information from Rachel Smith: Page 89 is the CH100/AP100 and the reason why I stated inform the BMS is because in the section other information required, it has specific time frames/conditions and it states on our whiteboard as well to inform a BMS on the basis of this particular criteria (especially if the criteria isn't met – states about reaching referral lab in 24hours, collection Monday-Wednesday and not suitable if Haemolysed)."

Change Request Approved on 03-Jan-2024 13:24 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 20-Dec-2023 11:40 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please update TAT for Islet cell Abs to 10 working days '

Change Request Approved on 11-Dec-2023 14:52 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 11-Dec-2023 14:52 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 01-Dec-2023 11:16 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Gilberts testing - please ensure that clinical details on Meditech indicate the following and print on request form: Unconjugated hyperbilirubinaemia in the absence of haemolysis, where a molecular diagnosis will contribute to management as per the National Genomics Directory for R176'

Change Requested on 28-Nov-2023 09:47 by Darren Powell

Darren Powell Requested Change: 'Add comment to Cystatin C levels about being affected by the thyroid state so need to have recent TFTs or add on if missing.: is increased in hyperthyroidism and decreased in hypothyroidism.'

Change Request Approved on 27-Nov-2023 12:20 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 27-Nov-2023 12:20 by Suzanne Armitage

Suzanne Armitage approved change request: "To be actioned when next mail merge document created (if possible)"

Change Requested on 27-Nov-2023 12:17 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add info for PTHrP analysis at Eurofins'

Change Requested on 13-Nov-2023 14:04 by Rachel Smith

Rachel Smith Requested Change: 'PG 263-269 ARE BLANK'

Change Requested on 13-Nov-2023 13:37 by Rachel Smith

Rachel Smith Requested Change: 'PAGE 89 - Specimen Reception staff would alert BMS if the sample criteria was not met. '

Change Request Approved on 02-Nov-2023 12:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 02-Nov-2023 12:39 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 02-Nov-2023 12:37 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 31-Oct-2023 15:42 by Darren Powell

Darren Powell Requested Change: 'Please review the Willink handbok for the latest test shipping requiremntnets. the SAS book is missing details for tests incusing Battens, and Niemann-Pcik/Oxysterols <https://www.mangen.co.uk/wp-content/uploads/2023/05/Willink-Biochemical-Genetics-Laboratory-Handbookv19.doc> '

Change Requested on 30-Oct-2023 12:27 by Catherine Collingwood

Catherine Collingwood Requested Change: 'For Pompe screen blood spot samples there is no requiremnt for the sample to reach the referral lab within 48h (this is only for liquid blood samples). Thanks'

Change Requested on 20-Oct-2023 10:41 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Cardiolipin - please add to contact the referral laboratory before sending and ensure that requests are marked as being for the investigation of Barth syndrome. Thanks'

Authorisation Approved on 16-Oct-2023 10:17 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 16-Oct-2023 10:17 by Catherine Collingwood

Authorised version 11.14 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2023-10-16 The document was originally due for review on 14-Jun-2025

Document Published on 16-Oct-2023 10:17 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 16-Oct-2023 10:17 by Catherine Collingwood

Version 11.13 superseded by version 11.14

Authorisation requested on 13-Oct-2023 15:46 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 13-Oct-2023 15:46.

Set Pending Authorisation on 13-Oct-2023 15:46 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 13-Oct-2023 12:31 by Suzanne Armitage

Reason: Inclusion of approved change requests

Change Request Verified on 13-Oct-2023 12:31 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:30 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:29 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:28 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:14 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:12 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:12 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:09 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 13-Oct-2023 12:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 13-Oct-2023 12:06 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 13-Oct-2023 12:06 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 13-Oct-2023 12:04 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:02 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 12:02 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 11:58 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected on 13-Oct-2023 11:57 by Suzanne Armitage

Suzanne Armitage rejected change request: "Only 1 sample received for this test to date. Advise waiting to determine if sufficient further samples will be sent to make it relevant to add it to this document."

Change Request Verified on 13-Oct-2023 11:57 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 11:55 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 11:49 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 13-Oct-2023 11:19 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 13-Oct-2023 11:18 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 10-Oct-2023 12:12 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 10-Oct-2023 12:12 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 10-Oct-2023 12:12 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change sirolimus from haem to biochem and add in records for cyclo (sent to RLUH) and everolimus (sent to Wythenshawe). Thanks'

Change Requested on 06-Oct-2023 10:36 by Darren Powell

Darren Powell Requested Change: 'For Bence Jones Protein entry, the stated code of AAT is incorrect. AAT is for A1AT. I dont think we have a code for BJP...yet..'

Change Requested on 05-Oct-2023 16:07 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change Cardiolipin referral lab to UCLH and sample type to blood spot (see email) thanks '

Change Request Approved For Future Version on 20-Sep-2023 19:28 by Suzanne Armitage

SAS BOOK REFERENCE COPY - Version: 11.18. Index: Biochemistry 80. Printed: 02-Sep-2025 17:57

Authorised on: 07-Aug-2025. Authorised by: Catherine Collingwood. Document Unique Reference: 385-126310784. Due for review on: 06-Aug-2027

Author(s): Kevin Padmore (Inactive), Suzanne Armitage

Suzanne Armitage approved for future version change request: "Advise monitoring of any future requests to determine if this is likely to be a more regular test request."

Change Request Approved on 20-Sep-2023 19:27 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 20-Sep-2023 09:59 by Ionela Grasim

Ionela Grasim Requested Change: 'White Cells Cystine- is not referred anymore to WETCHILD, the new address is: Synnovis Genetics Laboratories 5th Floor, Tower Wing Guy's Hospital Great Maze Pond London SE1 9RT '

Change Requested on 18-Sep-2023 12:58 by Darren Powell

Darren Powell Requested Change: 'consider adding 'Ustekinumab' test. As part of same family fo Adalim/Inflix/Vedous' follwoing a request recived today. Hopefully is a one off but.... Ran by Exerter...

<https://www.exeterlaboratory.com/test/ustekinumab-drug-levels/>

Change Request Approved on 16-Sep-2023 11:36 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Sep-2023 11:05 by Darren Powell

Darren Powell Requested Change: 'Consider adding a comment against Thiopentone/Thiopental to reflect that CMFT's handbook indcate the also accept L.H Plasma as well as serum. Meditech and the labels specify Serum, but would be good to note that L.H samples collected in error (as in 14/09) don;t need to be rejected.

<https://mft.nhs.uk/app/uploads/2020/01/Thiopental-serum.pdf> '

Change Request Approved on 06-Sep-2023 09:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Sep-2023 09:59 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Urine acylcarnitines no longer available from Newcastle lab - they only measure urine carnitine in the investigation of primary carnitine deficiency for which we require information about plasma free carnitine. Thanks'

Change Request Approved on 04-Aug-2023 16:51 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 04-Aug-2023 16:51 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Update contact email for Guildford lab for IGF2 and IGF BP-3 to: gwen.wark@nhs.net'

Change Request Approved on 04-Aug-2023 16:01 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 04-Aug-2023 16:01 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update Battens enzyme request information: Samples can be stored at 4 degrees C for a maximum of 72 hours if received on Friday afternoon. Please include this storage information on request forms sent with samples, when appropriate.'

Change Request Approved For Future Version on 24-Jul-2023 14:37 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 24-Jul-2023 14:37 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Requested on 24-Jul-2023 13:16 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please amend 3-OMD referral lab to: Neurometabolic Unit (Box 105), 6th floor, Institute of Neurology, Queens Square House, Queens Square, London, WC1N 3BG
uclh.enquiry.neurometabolic@nhs.net 020 344 83818 (ask for Duty Scientist) Blood spot card is suitable (4 spots) '

Change Requested on 12-Jul-2023 15:25 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change address for Nitisinone to: Central Specimen Reception 5th Floor, North Wing St Thomas' Hospital Westminster Bridge Road London SE1 7EH Telephone number is the same Thanks'

Change Request Approved on 06-Jul-2023 16:27 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Jul-2023 16:27 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Combine entries for alloisoleucine and iso alloleucine'

Change Request Approved on 06-Jul-2023 12:04 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Jul-2023 12:04 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please remove Trop and NTproBNP - now done in house'

Change Request Approved on 06-Jul-2023 11:41 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Jul-2023 11:41 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Remove anti-PTH antibodies entry - test no longer available at PRU'

Change Request Approved on 06-Jul-2023 11:15 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Jul-2023 11:15 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change address for alpha subunit to Department of Biochemistry (same as for fructosamine)'

Change Request Approved on 03-Jul-2023 16:01 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 03-Jul-2023 16:01 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 03-Jul-2023 16:00 by Suzanne Armitage

Suzanne Armitage approved change request: "Laboratory Medicine Camelia Botnar Laboratories Great Ormond Street Hospital for Children NHS Trust Great Ormond Street London WC1N 3JH Telephone: 020 7829 9200 Ext: 0175"

Change Requested on 03-Jul-2023 15:58 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change CSF cytokine request to available at GOSH under individual cytokines. Thanks'

Change Requested on 03-Jul-2023 15:46 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change referral laboratory for White Cell Cysteine to: Synnovis Genetics Laboratories, 5th Floor, Tower Wing, Guy's Hospital, Great Maze Pond, London, SE1 9RT. Primary contact catherine.bradford@gstt.nhs.uk '

Change Requested on 28-Jun-2023 14:41 by Laura Kiely

Laura Kiely Requested Change: 'Page 17 - department should read Haemostasis and Thrombosis Department - as per UKAS schedule '

Superseded on 16-Jun-2023 12:12 by Catherine Collingwood

Version 11.12 superseded by version 11.13

Authorisation Approved on 16-Jun-2023 12:12 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 16-Jun-2023 12:12 by Catherine Collingwood

Authorised version 11.13 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2023-06-16 The document was originally due for review on 22-Dec-2024

Document Published on 16-Jun-2023 12:12 by Catherine Collingwood

The document was published and is ready to be used.

Authorisation requested on 14-Jun-2023 16:11 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 14-Jun-2023 16:11.

Set Pending Authorisation on 14-Jun-2023 16:11 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 14-Jun-2023 16:03 by Suzanne Armitage

Reason: Change requests incorporated

Change Request Verified on 05-Jun-2023 12:37 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 12:32 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 12:32 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 11:55 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 11:21 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 11:14 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 11:05 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 11:04 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 10:58 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Jun-2023 10:58 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Jun-2023 10:53 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 10:50 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 05-Jun-2023 10:48 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Jun-2023 10:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 05-Jun-2023 10:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 05-Jun-2023 10:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 05-Jun-2023 10:08 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add website for PRU Sheffield: <https://pru-sheffield.org.uk/>'

Change Requested on 01-Jun-2023 16:35 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please amend email address for Glasgow tests to:

Michelle.Barclay@ggc.scot.nhs.uk Yvonne.Stewart@ggc.scot.nhs.uk Thanks '

Change Requested on 24-May-2023 10:01 by Darren Powell

Darren Powell Requested Change: 'Please add an entry for CSF Cytokines, stating 'test not available' (advice sought from Quenss Square Neurology London) This is in reposne to the sporadic requests we get occasionally. I've spoken to Queens Square Neuro and they have done a serach for potential providers . There may be a acamice lab in Cambrigde, but that is reasrach use only.. Thanks DP '

Change Requested on 03-May-2023 12:57 by Darren Powell

Darren Powell Requested Change: 'Please add an entry for serum protecin electrophoresis. We have a test setup alreday in MT: 'ELECT' - to send to PRU. thanks '

Change Request Approved on 01-Apr-2023 11:53 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 01-Apr-2023 11:53 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 31-Mar-2023 11:06 by Darren Powell

Darren Powell Requested Change: 'Please add a listing for Free Phenytoin. Already setup in Meditech for the Walton Centre (correct) Serum preferred, although they have confirmed (verbally) that they can accept Lith Hep Plasma. No likely idfference although assay not formally validated for LithHep. Store sample at 4oC Walton centre Biochem Main: 0151 556 3262 <https://www.thewaltoncentre.nhs.uk/127/neurobiochemistry.html> For general enquires e-mail wcf-tr.wcftpathologylabs@nhs.net, telephone 0151 556 3910 '

Change Requested on 24-Mar-2023 15:07 by Darren Powell

Darren Powell Requested Change: 'Please add 'hypocretin' as a synonym for Oxrexin, following confusion over what to do with a request. '

Change Request Approved on 22-Mar-2023 09:53 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 22-Mar-2023 09:53 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 22-Mar-2023 09:53 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Mar-2023 09:52 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please include link to form for functional cytokine testing'

Change Requested on 20-Mar-2023 16:08 by Laura Kiely

Laura Kiely Requested Change: 'Add mass spec Testosterone'

Change Requested on 07-Mar-2023 14:16 by Darren Powell

Darren Powell Requested Change: 'For EPO: Please add Lith Hep as a compatbile test (DP confirmed with ViaPath/Synnovis b email 07/03/23) Website address: <https://www.synnovis.co.uk/our-tests/erythropoietin-epo> Contact Phone number (DB line) - 0203 299 0359. I'm going to formally request Pad to create a proper orderable so it isn't a MISC.. Thanks :)'

Change Request Approved on 20-Feb-2023 13:25 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Feb-2023 17:15 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Please can the entry for CH100/AP100 be updated: Samples can be received and frozen for sending on the next available working day, as long as they are separated and frozen immediately and the sample remains frozen until receipt in Manchester's immunology lab.'

Change Request Approved on 21-Jan-2023 12:20 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 21-Jan-2023 12:20 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 20-Jan-2023 14:50 by Darren Powell

Darren Powell Requested Change: 'Please add a entry for serum Protein Electrophoresis. The test is already setup on Meditech to be performed at sheffiled Immunology PRU.'

Change Requested on 20-Jan-2023 14:46 by Darren Powell

Darren Powell Requested Change: 'Can an antrey be added for Bence Jones Protein / Urine Free Light chains I've spoken to the Sheffield Immunology PRU unit and they are happy to accept the request. To note, they routine perform the test on paediatric cases, with no lower age limit. The lab details are the same as the other PRU tests, e.g A1AT The sample requirements can be found here: <https://sheffieldlaboratorymedicine.nhs.uk/search-test.php?search=2949> Thank you!'

Change Request Approved on 19-Jan-2023 12:56 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Jan-2023 10:31 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add bile acylcarnitines - sent to Sheffield Children's with a paired blood spot. Thanks'

Change Request Approved on 03-Jan-2023 16:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 03-Jan-2023 16:09 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add essential fatty acids sampling details back into SAS for Genova lab'

Superseded on 22-Dec-2022 16:58 by Catherine Collingwood

Version 11.11 superseded by version 11.12

Authorisation Approved on 22-Dec-2022 16:58 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 22-Dec-2022 16:58 by Catherine Collingwood

Authorised version 11.12 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2022-12-22 The document was originally due for review on 09-Nov-2024

Document Published on 22-Dec-2022 16:58 by Catherine Collingwood

The document was published and is ready to be used.

Authorisation requested on 22-Dec-2022 11:45 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 22-Dec-2022 11:45.

Set Pending Authorisation on 22-Dec-2022 11:45 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 22-Dec-2022 11:44 by Suzanne Armitage

Reason: Addition of change requests

Change Request Rejected on 16-Dec-2022 11:45 by Suzanne Armitage

Suzanne Armitage rejected change request: "Duplicate change request regarding change to Gilberts sample analysis"

Change Request Verified on 16-Dec-2022 11:44 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:41 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:40 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:37 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:36 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:35 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:33 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:31 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Verified on 16-Dec-2022 11:30 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.12"

Change Request Approved on 15-Dec-2022 11:05 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 09-Dec-2022 14:30 by Darren Powell

Darren Powell Requested Change: 'Gilbert's genetics is now offered free by the national genomics network. Please update the SAS book, and the Vetting book to accommodate. A change request for Meditech test dictionary is likely required, to change the performing location, and to move the test to a GE number with the appropriate R code. Email sent to .nhs.net inbox ~ 7/8th Dec'

Change Request Approved on 09-Dec-2022 09:53 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 09-Dec-2022 09:53 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Gilberts samples should be sent to LWH / M/C geentics lab as per email sent 08/12/22'

Change Request Approved on 30-Nov-2022 12:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 30-Nov-2022 11:59 by Darren Powell

Darren Powell Requested Change: 'FYI - change of address request. as below. Thanks From: Keating Colin (R0A) Manchester University NHS FT Sent: 30 November 2022 10:15 To: Aitchison Amy Subject: DX number for Mycology Reference Centre Manchester Hello Amy, Our DX details are as follows: Name: Mycology Reference Centre Manchester Address: 2nd Floor Laboratories Education & Research Centre Wythenshawe Hospital Southmoor Road Manchester M23 9LT Hayes DX: DX 332601 Exchange: Manchester 96M Thanks for updating the system. Regards, Colin. Colin Keating Laboratory Office Manager Mycology Reference Centre

Manchester 2nd Floor Laboratories Education & Research Centre Wythenshawe Hospital Southmoor Road Manchester M23 9LT Tel: +44(0)161 291 5839 (Administration Office) +44(0)161 291 2124 (Laboratory) +44(0)161 291 4223 (Deputy Director Dr Caroline Moore) Email: mft.mrcm@nhs.net '

Change Request Approved on 30-Nov-2022 11:04 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 28-Nov-2022 10:38 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add absolute minimum sample volume for WCE, ?3.5mL. Smaller sample volume samples should not be sent for analysis.'

Change Request Approved on 18-Nov-2022 09:56 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 18-Nov-2022 09:55 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change number for MRI adult DB to 0161 701 8891. Thanks'

Change Request Approved on 17-Nov-2022 12:36 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Nov-2022 12:36 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please amend minimum blood volume for TGN sample to 2mls (discussed with Birmingham lab). Thanks'

Change Request Approved on 16-Nov-2022 15:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 16-Nov-2022 15:59 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls update tel no for D-lactate (& other tests at Birmingham Children's Hospital): 0121 3339999 bleep 55271'

Change Request Approved on 14-Nov-2022 15:42 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Nov-2022 12:28 by Laura Walker (Inactive)

Laura Walker Requested Change: 'The number for Addenbrookes takes you through to a 'Communications service', the correct number for the Pathology Service Desk is 0333 103 2220. Please can this be updated?'

Change Request Approved on 14-Nov-2022 10:36 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Nov-2022 10:36 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please can you add the following extension number to the entry for Barts - 61011. This is the number for the Duty Biochemist. (Raised by LW on previous version after pre authorisation of amended document was done).'

Change Request Approved on 14-Nov-2022 10:35 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Nov-2022 10:35 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change email contact for Norwich lab to: NNUH.LABMEDRESULTS@nnuh.nhs.uk NB. This is a secure email'

Authorised on 09-Nov-2022 15:17 by Catherine Collingwood

Authorised version 11.11 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2022-11-09 The document was originally due for review on 26-Aug-2024

Document Published on 09-Nov-2022 15:17 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 09-Nov-2022 15:17 by Catherine Collingwood

Version 11.10 superseded by version 11.11

Authorisation Approved on 09-Nov-2022 15:17 by Catherine Collingwood

The user Approved the authorisation request.

Authorisation requested on 09-Nov-2022 13:39 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 09-Nov-2022 13:39.

Set Pending Authorisation on 09-Nov-2022 13:39 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 09-Nov-2022 13:37 by Suzanne Armitage

Reason: Addition of change requests

Change Requested on 09-Nov-2022 13:37 by Suzanne Armitage

Laura Walker Requested Change: 'Please can you add the following extension number to the entry for Barts - 61011. This is the number for the Duty Biochemist.'

Change Requested on 09-Nov-2022 11:40 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Please can you add the following extension number to the entry for Barts - 61011. This is the number for the Duty Biochemist.'

Change Request Rejected on 03-Nov-2022 12:35 by Suzanne Armitage

Suzanne Armitage rejected change request: "Discussed at Clinical Scientists meeting - many urine samples received in the laboratory have low creatinine levels. Please contact porphyria laboratory for clarification /guidance."

Change Request Rejected on 03-Nov-2022 12:34 by Suzanne Armitage

Suzanne Armitage rejected change request: "This was added to version 11.10"

Change Request Verified on 03-Nov-2022 12:32 by Suzanne Armitage

Suzanne Armitage verified change request: "Amended in version 11.11"

Change Request Verified on 03-Nov-2022 12:31 by Suzanne Armitage

Suzanne Armitage verified change request: "Amended in version 11.11"

Change Request Verified on 03-Nov-2022 12:31 by Suzanne Armitage

Suzanne Armitage verified change request: "Amended in version 11.11"

Change Request Verified on 03-Nov-2022 12:30 by Suzanne Armitage

Suzanne Armitage verified change request: "Amended in version 11.11"

Change Request Verified on 03-Nov-2022 12:29 by Suzanne Armitage

Suzanne Armitage verified change request: "Amended in version 11.11"

Change Request Verified on 03-Nov-2022 12:25 by Suzanne Armitage

Suzanne Armitage verified change request: "Changed in version 11.11"

Change Request Verified on 03-Nov-2022 12:24 by Suzanne Armitage

Suzanne Armitage verified change request: "Changed in version 11.11"

Change Request Verified on 03-Nov-2022 12:23 by Suzanne Armitage

Suzanne Armitage verified change request: "Added to version 11.11"

Change Request Verified on 03-Nov-2022 10:20 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.11"

Change Request Verified on 03-Nov-2022 10:18 by Suzanne Armitage

Suzanne Armitage verified change request: "Included in version 11.11"

Change Request Approved on 01-Nov-2022 16:19 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 01-Nov-2022 16:19 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change email address for infliximab to: rde-tr.biochem@nhs.net '

Change Request Approved on 01-Nov-2022 14:10 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 01-Nov-2022 14:10 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change tel no for Adalimumab to 01392 402935'

Change Request Approved on 27-Oct-2022 11:49 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 27-Oct-2022 11:49 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change infliximab etc minimum sample volume to 300ul as per website info (<https://www.exeterlaboratory.com/wp-content/uploads/Infliximab-and-Anti-Infliximab-Antibodies-Referred-Test-Questionnaire.pdf>)'

Change Request Rejected on 21-Oct-2022 13:52 by Darren Powell

Darren Powell rejected change request: "Min volume required to be confirmed with Willink unit " Can a line to state minimum volume required is 3.5ml - do not send if smaller & inform requestor, for the White Cell Enzyme test please? This is following multiple failed analysis and QNS reports from the willink leading to a delayed follow-up of this patient. thanks"

Change Requested on 21-Oct-2022 13:35 by Darren Powell

Darren Powell Requested Change: 'Can a line to state minimum volume required is 3.5ml - do not send if smaller & inform requestor, for the White Cell Enzyme test please? This is following multiple failed analysis and QNS reports from the willink leading to a delayed follow-up of this patient. thanks'

Change Request Approved on 17-Oct-2022 11:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Oct-2022 14:36 by Antony Beardsmore (Inactive)

Antony Beardsmore Requested Change: 'Add bromide to handbook'

Change Request Approved on 12-Oct-2022 10:03 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 12-Oct-2022 10:03 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 12-Oct-2022 10:03 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls add to Keppra request that serum (no gel) is also acceptable.'

Change Requested on 06-Oct-2022 13:42 by Darren Powell

Darren Powell Requested Change: 'Please update the contact details for all the Walton tests following a change to their phone number, email address, and website address.. Dear Colleagues This e-mail is to inform you of our contact numbers and new e-mail address should you have queries: Neurobiochemistry/Neuroimmunology laboratories telephone/e-mail: 0151 556 3262/ wcf-tr.neurobiochemistry.nhs.net Neuropathology laboratory telephone/e-mail: 0151 556 4002 / wcf-tr.wcfpathologylabs.nhs.net <https://www.thewaltoncentre.nhs.uk/neuroscience-laboratories.htm> Kind regards Carrie '

Change Request Approved on 06-Oct-2022 13:38 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Oct-2022 13:38 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change tel number for Wythenshawe DB to 0161 291 2136. Thanks'

Change Request Approved on 06-Oct-2022 10:49 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 06-Oct-2022 10:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 06-Oct-2022 10:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 06-Oct-2022 10:47 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change tel no for Chris Boot to 0191 282 4153. Thanks'

Change Requested on 06-Oct-2022 10:00 by Darren Powell

Darren Powell Requested Change: 'Hi For urine porphyrin screen -urine, Cardiff are rejecting sample that are 'too dilute'. The minimum Urine Creatinine level is 2.0 umol/L so anything lower is rejected. Can i suggest that the SAS book entry has a sline askign to check. I will also put in a change request for the vetting SOP. thanks'

Change Requested on 29-Sep-2022 11:14 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add Mass Spec Cortisol'

Change Request Approved on 26-Sep-2022 11:43 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Sep-2022 11:43 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 26-Sep-2022 11:43 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Add to TPMT info that referral lab will reflec genotyping for all results <35 mU/L and/or all ALL requests'

Change Requested on 26-Sep-2022 10:57 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Battens disease - change to Willink following information provided by Heather Church. Pricing comparable to current provider and Willink is UKAS acredited.'

Authorisation Approved on 30-Aug-2022 10:16 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 30-Aug-2022 10:16 by Catherine Collingwood

Authorised version 11.10 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2022-08-30 The document was originally due for review on 13-Apr-2024

Document Published on 30-Aug-2022 10:16 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 30-Aug-2022 10:16 by Catherine Collingwood

Version 11.9 superseded by version 11.10

Authorisation requested on 26-Aug-2022 10:22 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 26-Aug-2022 10:22.

Set Pending Authorisation on 26-Aug-2022 10:22 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Draft Created on 26-Aug-2022 10:19 by Suzanne Armitage

Reason: Addition of change requests

Change Request Verified on 23-Aug-2022 09:58 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 23-Aug-2022 09:58 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 23-Aug-2022 09:58 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please remove EFA test request - Biolab no longer in operation and no alternative UK lab provides this analysis'

Change Request Verified on 22-Aug-2022 17:00 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 16:39 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 22-Aug-2022 16:39 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Aug-2022 16:39 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Amend entry for Aluminium - samples now sent to City Hospital - same address as for TPMT'

Change Request Verified on 22-Aug-2022 16:33 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 16:18 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 22-Aug-2022 16:18 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Aug-2022 16:18 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add vitamin K: Analysed at Glasgow Trace Elements Lab - contact details as for vitamin B1 Contact: louise.Broughen - 0141 242 9578 Other information available at website: Scottish Trace Element and Micronutrient Diagnostic and Research Laboratory - Vitamin K (trace-elements.co.uk) '

Change Request Verified on 22-Aug-2022 16:16 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 22-Aug-2022 16:16 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Aug-2022 16:16 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please correct typographical errors in address for NW Genomics Lab'

Change Request Rejected on 22-Aug-2022 16:15 by Suzanne Armitage

Suzanne Armitage rejected change request: "Vitamin K analysis also performed at Glasgow Trace Elements Lab so this is a preferred referral lab as our current SAS lab for vitamin analysis."

Change Request Verified on 22-Aug-2022 16:15 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 16:11 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 22-Aug-2022 16:11 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 22-Aug-2022 16:08 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 16:04 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 16:03 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 22-Aug-2022 16:02 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 22-Aug-2022 15:11 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 15:09 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 15:09 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 15:02 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 15:01 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 14:59 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 14:44 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 22-Aug-2022 14:42 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 19-Aug-2022 13:01 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 19-Aug-2022 13:00 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 19-Aug-2022 12:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 17-Aug-2022 16:44 by Darren Powell

Darren Powell Requested Change: 'Add entry from Bromide - AWB email 17/08/22. goes to Birmingham Sandwell trace metals lab. thanks'

Change Requested on 08-Aug-2022 14:15 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Please can vitamin K be added to the SAS book. Sample type: serum Sample volume: 500 uL Sampling info: Must be protected from light, fasting preferred Send via first class post to: Nutristasis Unit at St Thomas' St Thomas' Hospital North Wing - 4th Floor Westminster Bridge Road London SE1 7EH Contact number: 0207188 6815 TAT: 10 days More info at <http://www.viopath.co.uk/our-tests/vitamin-k1> '

Change Requested on 08-Aug-2022 10:17 by Christine Chesters

Christine Chesters Requested Change: 'Can we change the location of Royal Liverpool (LCL) to: LCL Clinical Support Services Building, Mount Vernon Street, Liverpool L7 8YE with effect from 9th August 2022, please?'

Change Requested on 04-Aug-2022 16:01 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Please can the phone number for thiopentone be updated to 0161 701 2255 (the paediatric duty biochemist) - the current number is for switchboard, and the bleep is for the adult DB.'

Change Requested on 03-Aug-2022 13:10 by Darren Powell

Darren Powell Requested Change: 'Please add this website link to the Thiopental page... Additional info on the use of the test, i.e NOT performed for TDM use, only end of life.. <https://mft.nhs.uk/app/uploads/2020/01/Thiopental-serum.pdf>
Thank you!'

Change Request Approved on 02-Aug-2022 15:59 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 02-Aug-2022 15:59 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls update contact details for Barts: 020 7377 7000 - Bleep 1611'

Change Request Approved For Future Version on 19-Jul-2022 16:03 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved on 18-Jul-2022 11:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 18-Jul-2022 11:40 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Correct spelling error on Batters enzyme entry'

Change Requested on 04-Jul-2022 12:57 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add Meditech code for anti-neuronal Abs ANEUROABS and also state that this test is the same as Anti-paraneoplastic Abs'

Change Request Approved on 28-Jun-2022 15:54 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 28-Jun-2022 15:54 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 22-Jun-2022 12:35 by Darren Powell

Darren Powell Requested Change: 'Please add the following website address for the Queens Square Neurology tests e.g CSF Neurotransmitters: <https://www.uclh.nhs.uk/our-services/find-service/neurology-and-neurosurgery/neurometabolic-unit>'

Change Requested on 16-Jun-2022 15:53 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change TAT for glycolate to 1 month following correspondence with lab. Oxalate TAT is still 5 days.'

Change Request Approved on 16-Jun-2022 15:52 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 16-Jun-2022 15:51 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change contact email address to NHS net email for UCLH: uclh.enquiry.biochemhelpdesk@nhs.net'

Change Request Approved on 14-Jun-2022 16:14 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 14-Jun-2022 16:14 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please include note for PMETS that samples should ideally be collected and transported on ice if possible to aid sample stability.'

Change Request Approved on 14-Jun-2022 15:33 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 13-Jun-2022 11:54 by Darren Powell

Darren Powell Requested Change: 'Hi for the entry for Faecal A1AT, could - website address for the lab handbook be added please? : <https://www.swlpath.nhs.uk/home/what-we-do/pathology-services-handbook/> - Contact phone number 0208 725 0025 (current number listed is for the lab manager) Thank you! '

Change Request Approved on 04-Jun-2022 09:46 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 31-May-2022 16:12 by Darren Powell

Darren Powell Requested Change: 'Can the phone number for the Scottish Trace Element and Micronutrient Diagnostic and Research Laboratory for RBC selenium and any other tests be updated please? New = 0141 242 9560 as per <https://www.trace-elements.co.uk/contacts.asp> Thanks '

Change Request Approved on 23-May-2022 13:18 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 19-May-2022 12:57 by Darren Powell

Darren Powell Requested Change: 'Please add comment to the Poprhryin tests to include all available clinical details As requested in the recent MBN porphyrin talk. Thanks'

Change Request Approved on 13-May-2022 11:36 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 12-May-2022 11:22 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please change Anti-Ganglioside Antibodies test to include anti-glycolipid antibodies as analysed as combined test by UCLH.'

Authorisation Approved on 14-Apr-2022 13:40 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 14-Apr-2022 13:40 by Catherine Collingwood

Authorised version 11.9 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2022-04-14 The document was originally due for review on 15-Mar-2024

Document Published on 14-Apr-2022 13:40 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 14-Apr-2022 13:40 by Catherine Collingwood

Version 11.8 superseded by version 11.9

Set Pending Authorisation on 13-Apr-2022 10:31 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Authorisation requested on 13-Apr-2022 10:31 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 13-Apr-2022 10:31.

Draft Created on 13-Apr-2022 10:28 by Suzanne Armitage

Reason: To incorporate change requests

Change Request Verified on 11-Apr-2022 14:52 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 11-Apr-2022 14:50 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 11-Apr-2022 14:22 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected on 11-Apr-2022 14:19 by Suzanne Armitage

Suzanne Armitage rejected change request: "Email address already correct for Southampton lab entries."

Change Request Verified on 11-Apr-2022 14:17 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 11-Apr-2022 12:57 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Apr-2022 12:57 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 11-Apr-2022 12:56 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please add link to website for Sheffield's Children's Hospital metabolic services: <https://www.sheffieldchildrens.nhs.uk/laboratory-medicine/clinical-chemistry/metabolic-biochemistry/>'

Change Request Verified on 11-Apr-2022 12:46 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 11-Apr-2022 12:44 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Apr-2022 11:15 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 09-Apr-2022 16:39 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls update / add website address for Cardiff Tox lab to: <https://cavuhb.nhs.wales/our-services/laboratory-medicine/medical-biochemistry-and-immunology/toxicology-laboratory/pd-bio-toxirepertoire-rev-2-pdf/>'

Change Request Approved on 08-Apr-2022 11:24 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 08-Apr-2022 11:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 08-Apr-2022 11:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 07-Apr-2022 15:47 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update email contact address for Southampton: uhs.labresults@nhs.net'

Change Requested on 07-Apr-2022 10:40 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update the contact details for Walton centre tests: Telephone number 0151 556 3262 Email: wcf-tr.neurobiochemistry@nhs.net '

Change Requested on 06-Apr-2022 15:37 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please add information for post mortem bile acylcarnitines - should be sent to Sheffield Children's Hospital together with a blood spot if available. If bile acylcarnitines are requested the blood spot should be referred to Sheffield rather than Newcastle. '

Change Request Approved on 01-Apr-2022 15:43 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Rejected on 01-Apr-2022 15:42 by Suzanne Armitage

Suzanne Armitage rejected change request: "This has already been included in this latest version of the document."

Change Requested on 01-Apr-2022 15:38 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls add the website for Devon and Exeter for adalimumab, infliximab and vedolizumab: <https://www.exeterlaboratory.com/category/test/> Thanks'

Change Requested on 30-Mar-2022 09:28 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Please can cardiolipin be updated to say that samples must arrive within 48 h (not 24), so next day delivery is appropriate and we do not have to taxi samples. Can we also include that a paired EDTA sample and a blood spot are preferred, so that in the event the blood is clotted, the spots can be sent to Amsterdam instead. Thank you.'

Change Request Approved on 25-Mar-2022 12:39 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 24-Mar-2022 14:43 by Laura Walker (Inactive)

Laura Walker Requested Change: 'The phone number for Royal Devon and Exeter (i.e. the referral lab for inflix/vedu/adalimumab) is incorrect - it should be 01392 402934. Thank you.'

Change Request Approved on 22-Mar-2022 09:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 19-Mar-2022 11:47 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls add details of metagenomic testing at GOSH (info being collated from website and lab).'

Authorisation Approved on 16-Mar-2022 11:39 by Catherine Collingwood

The user Approved the authorisation request.

Authorised on 16-Mar-2022 11:39 by Catherine Collingwood

Authorised version 11.8 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2022-03-16 The document was originally due for review on 03-Feb-2024

Document Published on 16-Mar-2022 11:39 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 16-Mar-2022 11:39 by Catherine Collingwood

Version 11.7 superseded by version 11.8

Authorisation requested on 15-Mar-2022 16:52 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 15-Mar-2022 16:52.

Set Pending Authorisation on 15-Mar-2022 16:52 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Change Request Rejected on 11-Mar-2022 15:57 by Suzanne Armitage

Suzanne Armitage rejected change request: "Referral lab information form emailed to change requester for completion by referral lab."

Change Request Verified on 11-Mar-2022 15:45 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:45 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:42 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:42 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:42 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:42 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:42 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:42 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:40 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 11-Mar-2022 15:39 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 11-Mar-2022 15:39 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 08-Mar-2022 11:17 by Darren Powell

Darren Powell Requested Change: 'Please review CARDiolipin/Barth details in light of email from referral lab (18/02/22), if not already updated: from: SHEERIN, Samuel (UNIVERSITY HOSPITALS BRISTOL AND WESTON NHS FOUNDATION TRUST) 18/02/22 Hi all, We received a sample for Barth Cardiolipin (specimen number 1602:BC00470R) The sample was sent by courier but it was delivered to the estates department and was labelled "FAO Rebecca Hopkins, Biochemistry" Luckily the estates contacted the lab and we were able to collect the sample. However, in future, please could the sample be labelled with the following address: FAO: Paediatric Duty Biochemist Metabolic, Neuroendocrine & Nutrition Lab Clinical Biochemistry Department Bristol Royal Infirmary Marlborough Street, Bristol BS2 8HW Thanks, Regards, Sam Sheerin Clinical Scientist Biochemistry Bristol Royal Infirmary General Duty Biochemist: 01173 427834 Paediatric Duty Biochemist: 01173 421299'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Darren Powell Requested Change: 'Website links (plus extra contact details) for Newcastle tests: Biotinidase: <http://secure.newcastlelaboratories.com/test-directory/test/biotinidase-plasma/> Acylcarnitine (Urine): [.newcastlelaboratories.com](http://secure.newcastlelaboratories.com/test-directory/test/acyl-carnitines-blood/) (can't find test page) Acylcarnitine (PMS) bloodpst and plasma <http://secure.newcastlelaboratories.com/test-directory/test/acyl-carnitines-blood/> Carnitine

: <http://secure.newcastlelaboratories.com/test-directory/test/carnitine-free-and-total-plasma/>
 Sirolimus: <http://secure.newcastlelaboratories.com/test-directory/test/sirolimus-whole-blood/>

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Fatty acids - erythrocyte analysis: whole blood should be received within 48 hrs of collection, separated packed cells are stable for up to 1 week.'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Christine Chesters Requested Change: 'TPMT- If a TPMT genotype is required please send as normal but state on the request form genotype is needed and Birmingham will do this also. Amy A 13/7/21 (originally requested under wrong SOP)'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Catherine Collingwood Requested Change: 'Cardiolipin - Bristol will accept samples that arrive within 48h of collection and advise to send a blood spot together with the liquid blood in case of any delay (original sample can be spotted onto a blood spot card). Cardiolipin is stable in blood spot samples. Bristol will forward the blood spot samples to Amsterdam for analysis if required.'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Catherine Collingwood Requested Change: 'For bioppterin please could we add that the phenylalanine level should be provided with the request as this is required for interpretation of results.'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Catherine Collingwood Requested Change: 'Address for cardiolipin samples (email 18/02/22): Paediatric Duty Biochemist Metabolic, Neuroendocrine & Nutrition Lab Clinical Biochemsitry Department Bristol Royal Infirmary Marlborough Street Bristol BS2 8HW'

Draft Created on 07-Mar-2022 16:17 by Suzanne Armitage

Reason: Request changes actioned

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Amanda Leek Requested Change: 'Please could the following tests be added to the document; *anti-intrinsic antibodies *anti-interferon antibodies'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change tel no for Oxford Immunology to 01865 225995: Anti-MOG Abs Anti-MuSK Abs Anti-NMDA Abs Anti-voltage gated Ca & K Abs Aquaporin 4 Abs Orexin'

Change Requested on 07-Mar-2022 16:17 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls update the following NHS net email addresses: Wythenshawe: mft.biochemistry.wythenshawe@nhs.net Southampton: uhs.labresults@nhs.net Exeter: rde-tr.biochem@nhs.net Birmingham Children's Hospital: bwc.biochemist@nhs.net UCLH: francis.lam@nhs.net Norwich: nnu-tr.nnudutybiochemist@nhs.net Newcastle Upon Tyne: annbowron@nhs.net'

Change Request Approved For Future Version on 23-Feb-2022 13:30 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 23-Feb-2022 13:30 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Request Approved For Future Version on 23-Feb-2022 13:30 by Suzanne Armitage

Suzanne Armitage approved for future version change request: ""

Change Requested on 23-Feb-2022 11:18 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Address for cardiolipin samples (email 18/02/22): Paediatric Duty Biochemist Metabolic, Neuroendocrine & Nutrition Lab Clinical Biochemsitry Department Bristol Royal Infirmary Marlborough Street

Bristol BS2 8HW'

Change Requested on 17-Feb-2022 09:50 by Catherine Collingwood

Catherine Collingwood Requested Change: 'For bioppterin please could we add that the phenylalanine level should be provided with the request as this is required for interpretation of results.'

Change Requested on 10-Feb-2022 09:36 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Cardiolipin - Bristol will accept samples that arrive within 48h of collection and advise to send a blood spot together with the liquid blood in case of any delay (original sample can be spotted onto a blood spot card). Cardiolipin is stable in blood spot samples. Bristol will forward the blood spot samples to Amsterdam for analysis if required.'

Authorised on 04-Feb-2022 09:06 by Catherine Collingwood

Authorised version 11.7 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2022-02-04 The document was originally due for review on 05-Aug-2023

Document Published on 04-Feb-2022 09:06 by Catherine Collingwood

The document was published and is ready to be used.

Superseded on 04-Feb-2022 09:06 by Catherine Collingwood

Version 11.6 superseded by version 11.7

Authorisation Approved on 04-Feb-2022 09:06 by Catherine Collingwood

The user Approved the authorisation request.

Authorisation requested on 03-Feb-2022 11:09 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 03-Feb-2022 11:09.

Set Pending Authorisation on 03-Feb-2022 11:09 by Suzanne Armitage

Document was set as Pending Authorisation and authorisation requests were sent to: Catherine Collingwood

Change Requested on 28-Jan-2022 15:38 by Darren Powell

Darren Powell Requested Change: 'Hi another change request for the CSF Neurotransmitters i'm afraid. Under 'sample volume' it' currently states 'See protocol (special tubes required)' . Which protocol is it referring to? I've just checked with UCLH and Andy... -> 'special tube required, prepared by AH lab on request' Clinician must request tubes and dry ice in advance for collection' would this fit in the sample volume details box? thanks! '

Change Requested on 28-Jan-2022 15:32 by Darren Powell

Darren Powell Requested Change: 'For the UCLH queens square neurology tests, could the details of the neurometabolic website be added please? <https://www.uclh.nhs.uk/our-services/find-service/neurology-and-neurosurgery/neurometabolic-unit> Could a link aslo be included to their lab handbook as well please? <https://www.uclh.nhs.uk/our-services/find-service/neurology-and-neurosurgery/neurometabolic-unit>

Change Requested on 28-Jan-2022 15:31 by Darren Powell

Darren Powell Requested Change: 'Hi For the CSf neurotransmitters, can the url for the special request for me updated please to that below: https://www.uclh.nhs.uk/application/files/2816/3102/6037/NMU-FORM-CSF_Neurotransmitter_Request_Form.pdf Thanks '

Change Request Rejected on 27-Jan-2022 12:26 by Suzanne Armitage

Suzanne Armitage rejected change request: "Please provide further details regarding the current SAS handbook entry which requires amending or full details if the test is to be added as a new entry to the handbook. Thanks"

Change Request Verified on 25-Jan-2022 17:44 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 25-Jan-2022 17:44 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Rejected on 25-Jan-2022 17:16 by Suzanne Armitage

Suzanne Armitage rejected change request: "This test is already listed in the SAS handbook: Hypoxanthine guanine phosphoribosyltransferase (HGPRT)"

Change Request Verified on 25-Jan-2022 17:14 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 25-Jan-2022 17:14 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 25-Jan-2022 17:13 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 25-Jan-2022 17:12 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 25-Jan-2022 17:12 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 25-Jan-2022 17:12 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 25-Jan-2022 17:11 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 25-Jan-2022 17:11 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 25-Jan-2022 17:10 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 25-Jan-2022 17:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 25-Jan-2022 17:05 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 25-Jan-2022 17:04 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 25-Jan-2022 16:35 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 25-Jan-2022 16:34 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 25-Jan-2022 16:29 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 25-Jan-2022 16:25 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 25-Jan-2022 16:04 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected on 19-Jan-2022 15:21 by Suzanne Armitage

Suzanne Armitage rejected change request: "This would be a decision for haematology to make and then submit an appropriate change request if they chose to change the referral lab."

Change Requested on 17-Jan-2022 14:26 by Darren Powell

Darren Powell Requested Change: 'Hi Please change the referral site for PM Bile acid Acylcarnitines from Newcastle to Sheffield Children's (Clair Hart's lab), following discontinuation of the test by Newcastle; n.b any bile samples sent to sheffield must be accompanied by the NBS card to allow cross reference of results. Thanks darren '

Change Requested on 17-Jan-2022 14:21 by Darren Powell

Darren Powell Requested Change: 'Hi, Can the test 'HGPRT - Purine Screen (HGPRT) - Blood' MT orderable be added to the SAS book please? Currently only urine is listed in the SAS. Goes to same Viapath lab as urine. As per the ClinSci meeting discussion - notes about the usage of the test may be required, e.g Urine is a better/preferred sample type for IX of upurine/pyrimidine disorders. ? any requesting info needs adding to Meditech? thanks'

Change Requested on 25-Nov-2021 15:44 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Contact email for St George's hospital for faecal A1AT: stgh-tr.stgeorgespru@nhs.net '

Change Requested on 25-Nov-2021 14:55 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change the contact email address for the USP lab at Kings to: ch-tr-steroidlaboratory@nhs.net '

Change Requested on 08-Nov-2021 17:40 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change TAT for faecal A1AT to 7 working days - SA spoke to lab 08/11/21 when chasing up a result'

Change Requested on 05-Nov-2021 15:15 by Darren Powell

Darren Powell Requested Change: 'Update contact details and web address for Faec A1AT Taken from: <https://www.swlpath.nhs.uk/contact-us/> Immunology/Protein Reference Unit Clinical advice Specimen reception, enquiries and test results 020 8725 5106 020 8725 0025 '

Change Request Approved on 26-Oct-2021 16:27 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Oct-2021 16:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Oct-2021 16:23 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Oct-2021 16:22 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Oct-2021 16:22 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Oct-2021 16:22 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Oct-2021 16:21 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Requested on 15-Oct-2021 15:55 by Laura Walker (Inactive)

Laura Walker Requested Change: 'A few queries from lab staff: Is there a reason the transfusion information has been taken out for serum A1AT? Please can beta trace protein also have 'beta-2 transferrin' included in the name/description? This is what clinicians usually call it and there has been some confusion/difficulty finding the entry. In the CSF oligosaccharide section there is an unfinished sentence? I'm not sure what it was supposed to say. Thank you.'

Change Requested on 24-Sep-2021 09:47 by Laura Walker (Inactive)

Laura Walker Requested Change: 'CSF neurotransmitters must be collected and the sample immediately placed in dry ice to be stabilised for delivery and storage in the lab. The ward should ring the lab before they plan to collect the sample to ensure dry ice availability. Once received, samples can be stored frozen until transport (one dry ice), so transport doesn't have to be immediate. - Ask LW, if confused Also, need to review order module on Meditech to add collection requirements to ordering screen - Ask DP'

Draft Created on 24-Sep-2021 09:45 by Suzanne Armitage

Reason: To change document owner and implement change requests

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Amanda Leek Requested Change: 'Please could the following tests be added to the document; *anti-intrinsic antibodies *anti-interferon antibodies'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change tel no for Oxford Immunology to 01865 225995: Anti-MOG Abs Anti-MuSK Abs Anti-NMDA Abs Anti-voltage gated Ca & K Abs Aquaporin 4 Abs Orexin'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls update the following NHS net email addresses: Wythenshawe: mft.biochemistry.wythenshawe@nhs.net Southampton: uhs.labresults@nhs.net Exeter: rde-tr.biochem@nhs.net Birmingham Children's Hospital: bwc.biochemist@nhs.net UCLH: francis.lam@nhs.net Norwich: nnu-tr.nnudutybiochemist@nhs.net Newcastle Upon Tyne: annbowron@nhs.net'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Darren Powell Requested Change: 'Website links (plus extra contact details) for Newcastle tests: Biotinidase: <http://secure.newcastlelaboratories.com/test-directory/test/biotinidase-plasma/> Acylcarnitine (Urine): <http://secure.newcastlelaboratories.com/test-directory/test/acyl-carnitines-blood/> Carnitine : <http://secure.newcastlelaboratories.com/test-directory/test/carnitine-free-and-total-plasma/> Sirolimus: <http://secure.newcastlelaboratories.com/test-directory/test/sirolimus-whole-blood/>

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Fatty acids - erythrocyte analysis: whole blood should be received within 48 hrs of collection, separated packed cells are stable for up to 1 week.'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Christine Chesters Requested Change: 'TPMT- If a TPMT genotype is required please send as normal but state on the request form genotype is needed and Birmingham will do this also. Amy A 13/7/21 (originally requested under wrong SOP)'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update information for cardiolipin from Bristol Hospital website and include website link: <http://www.uhbristol.nhs.uk/patients-and-visitors/your-hospitals/other-services-in-bristol/barthssyndromeservice/testing/>

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Darren Powell Requested Change: '? Should/could we send Sirolimus to a more local lab than Newcastle? '

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Suzanne Armitage Requested Change: 'TGN - correct spelling mistake regarding transportation of samples'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change email address for UHS hospital to: uhs.dutybiochemist@nhs.net'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Darren Powell Requested Change: 'For Cardiolipin. Include line with words to the effect of 'A Urine Organic Acid sample may be useful alternative for the rapid investigation of Barth's syndrome'. ->Ask CC. Also, add similar message as a pop up on the Cardiolipin order page.'

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Darren Powell Requested Change: 'Add website address for α -aminoadipic semialdehyde (AASA): <https://www.ucl.ac.uk/child-health/research/genetics-and-genomic-medicine/biological-mass-spectrometry-centre/bioanalytical-services> (I'm trying to get updated email addresses) thanks '

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Laura Walker Requested Change: 'Please update acidification info to match vetting SOP for urine glycolate/oxalate, importantly, that oxalate samples shouldnt be acidified to <2.5. More info also in the nhs.net email. '

Change Requested on 24-Sep-2021 09:45 by Suzanne Armitage

Darren Powell Requested Change: 'Please update the contact details for all the HSL Lab tests: Citrate, Glycolate, Oxalate. 1. Francis Lam is leaving 24/09/21 ->remove his contact details. 2. New details: The telephone number for the UCH helpdesk/results is – 020 3447 9405 If you are having difficulty getting through on this number or receiving results then please call the Manual Chemistry/Stone section on 020 3908 1354 The duty biochemist email is - Duty.Biochemist@hslpathology.com Thanks!'

Change Requested on 23-Sep-2021 15:05 by Darren Powell

Darren Powell Requested Change: 'Please update the contact details for all the HSL Lab tests: Citrate, Glycolate, Oxalate. 1. Francis Lam is leaving 24/09/21 ->remove his contact details. 2. New details: The telephone number for the UCH helpdesk/results is – 020 3447 9405 If you are having difficulty getting through on this number or receiving results then please call the Manual Chemistry/Stone section on 020 3908 1354 The duty biochemist email is - Duty.Biochemist@hslpathology.com Thanks!'

Change Requested on 22-Sep-2021 15:59 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Please update acidification info to match vetting SOP for urine glycolate/oxalate, importantly, that oxalate samples shouldnt be acidified to <2.5. More info also in the nhs.net email. '

Change Requested on 03-Sep-2021 14:07 by Darren Powell

Darren Powell Requested Change: 'Add website address for α -aminoadipic semialdehyde (AASA): <https://www.ucl.ac.uk/child-health/research/genetics-and-genomic-medicine/biological-mass-spectrometry-centre/bioanalytical-services> (I'm trying to get updated email addresses) thanks '

Change Requested on 01-Sep-2021 09:31 by Darren Powell

Darren Powell Requested Change: 'For Cardiolipin. Include line with words to the effect of 'A Urine Organic Acid sample may be useful alternative for the rapid investigation of Barth's syndrome'. ->Ask CC. Also, add similar message as a pop up on the Cardiolipin order page.'

Change Request Approved For Future Version on 28-Aug-2021 12:47 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 28-Aug-2021 12:17 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 28-Aug-2021 12:16 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 28-Aug-2021 12:16 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 28-Aug-2021 12:15 by Darren Powell

Darren Powell approved for future version change request: ""

Change Requested on 26-Aug-2021 11:51 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Change email address for UHS hospital to: uhs.dutybiochemist@nhs.net'

Change Requested on 25-Aug-2021 15:05 by Christine Chesters

Christine Chesters Requested Change: 'TPMT- If a TPMT genotype is required please send as normal but state on the request form genotype is needed and Birmingham will do this also. Amy A 13/7/21 (originally requested under wrong SOP)'

Change Requested on 23-Aug-2021 15:09 by Suzanne Armitage

Suzanne Armitage Requested Change: 'TGN - correct spelling mistake regarding transportation of samples'

Change Requested on 19-Aug-2021 09:51 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Fatty acids - erythrocyte analysis: whole blood should be received within 48 hrs of collection, separated packed cells are stable for up to 1 week.'

Change Requested on 19-Aug-2021 09:43 by Darren Powell

Darren Powell Requested Change: 'Website links (plus extra contact details) for Newcastle tests:
Biotinidase: <http://secure.newcastlelaboratories.com/test-directory/test/biotinidase-plasma/> Acylcarnitine (Urine): <http://secure.newcastlelaboratories.com/test-directory/test/acyl-carnitines-blood/> Carnitine : <http://secure.newcastlelaboratories.com/test-directory/test/carnitine-free-and-total-plasma/> Sirolimus: <http://secure.newcastlelaboratories.com/test-directory/test/sirolimus-whole-blood/>

Change Requested on 19-Aug-2021 09:43 by Darren Powell

Darren Powell Requested Change: '? Should/could we send Sirolimus to a more local lab than Newcastle? '

Change Requested on 12-Aug-2021 16:08 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please update information for cardiolipin from Bristol Hospital website and include website link: <http://www.uhbristol.nhs.uk/patients-and-visitors/your-hospitals/other-services-in-bristol/barthysyndromeservice/testing/>'

Change Requested on 09-Aug-2021 10:42 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls update the following NHS net email addresses: Wythenshawe: mft.biochemistry.wythenshawe@nhs.net Southampton: uhs.labresults@nhs.net Exeter: rde-tr.biochem@nhs.net Birmingham Children's Hospital: bwc.biochemist@nhs.net UCLH: francis.lam@nhs.net Norwich: nnu-tr.nnudutybiochemist@nhs.net Newcastle Upon Tyne: annbowron@nhs.net'

Change Requested on 09-Aug-2021 10:27 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Pls change tel no for Oxford Immunology to 01865 225995: Anti-MOG Abs Anti-MuSK Abs Anti-NMDA Abs Anti-voltage gated Ca & K Abs Aquaporin 4 Abs Orexin'

Authorised on 06-Aug-2021 16:59 by Catherine Collingwood

Authorised version 11.6 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2021-08-06 The document was originally due for review on 20-Jan-2023

Superseded on 06-Aug-2021 16:59 by Catherine Collingwood

Version 11.5 superseded by version 11.6

Change Requested on 06-Aug-2021 15:11 by Darren Powell

Darren Powell Requested Change: 'Please update the contact email for Birmingham Women's from sarah.heap1@nhs.net to bwc.biochemist@nhs.net. An example is D-Lactate. Thank you! darren '

Authorisation requested on 05-Aug-2021 16:51 by Suzanne Armitage

Authorisation request sent to Catherine Collingwood by Suzanne Armitage on 05-Aug-2021 16:51.

Change Request Verified on 05-Aug-2021 16:48 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:48 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:48 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:47 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:46 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:46 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Verified on 05-Aug-2021 16:46 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Approved on 05-Aug-2021 16:46 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Rejected Verification on 30-Jul-2021 15:43 by Suzanne Armitage

Suzanne Armitage rejected verification change request: "Sample 2806BC468 was analysed for Anti Dopamine Receptor 2 antibodies but report states analysed at John Radcliffe Hospital not Oxford. Information to be collated from referral laboratory for inclusion in next revision of this document."

Change Request Verified on 30-Jul-2021 15:22 by Suzanne Armitage

Suzanne Armitage verified change request: "Acecpted"

Change Request Verified on 30-Jul-2021 15:08 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 30-Jul-2021 15:08 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 30-Jul-2021 15:07 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Verified on 30-Jul-2021 15:07 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected Verification on 30-Jul-2021 15:02 by Suzanne Armitage

Suzanne Armitage rejected verification change request: "Duplicate change request"

Change Request Verified on 30-Jul-2021 15:02 by Suzanne Armitage

Suzanne Armitage verified change request: ""

Change Request Rejected Verification on 30-Jul-2021 15:00 by Suzanne Armitage

Suzanne Armitage rejected verification change request: "This is already included in the database as Essential Fatty Acids so Red Cell has been added in brackets about the test name to provide clarity."

Change Request Approved on 26-Jul-2021 15:12 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Jul-2021 15:11 by Suzanne Armitage

Suzanne Armitage approved change request: "To be added at next review"

Change Request Approved on 26-Jul-2021 15:10 by Suzanne Armitage

Suzanne Armitage approved change request: "To be included in next review"

Change Request Approved on 26-Jul-2021 15:09 by Suzanne Armitage

Suzanne Armitage approved change request: ""

Change Request Approved on 26-Jul-2021 15:09 by Suzanne Armitage

Suzanne Armitage approved change request: "Update to be included in next review."

Change Request Approved on 26-Jul-2021 15:09 by Suzanne Armitage

Suzanne Armitage approved change request: "To update in next review"

Change Request Approved on 26-Jul-2021 15:08 by Suzanne Armitage

Suzanne Armitage approved change request: "To include in next review"

Change Request Approved on 26-Jul-2021 15:08 by Suzanne Armitage

Suzanne Armitage approved change request: "Accepted for next review (SA)"

Change Request Approved on 26-Jul-2021 15:08 by Suzanne Armitage

Suzanne Armitage approved change request: "Approved for next review SA 26/07/21"

Change Requested on 23-Jul-2021 16:52 by Christine Chesters

Christine Chesters Requested Change: 'Renin- can storage requiremnts be updated to same as Aldo please?'

Change Requested on 23-Jul-2021 09:44 by Amy Aitchison

Amy Aitchison Requested Change: 'Renin storage conditions says 'Fdumc' Please change to store frozen.'

Change Requested on 22-Jul-2021 15:05 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Please change minimum volume for DHT to 800uL. 600uL is required for DHT plus 200uL for testosterone.'

Change Requested on 19-Jul-2021 17:14 by Darren Powell

Christine Chesters Requested Change: 'Can the Infiximab page be updated to ensure staff are aware they must request both Infix level and Ab's on the send away form.'

Change Request Approved For Future Version on 19-Jul-2021 17:14 by Darren Powell

Darren Powell approved for future version change request: ""

Change Requested on 19-Jul-2021 17:14 by Darren Powell

Christine Chesters Requested Change: 'Please can the instructions for DHT (TMS Testo) be made clearer. Correct spelling on hCG also'

Change Request Approved For Future Version on 19-Jul-2021 17:14 by Darren Powell

Darren Powell approved for future version change request: ""

Change Requested on 07-Jul-2021 10:07 by Darren Powell

Darren Powell Requested Change: 'Queens Square Neurology are moving labs on 12th July. I think three tests are affected (MMA, Neurotransmitters, CSF ACE). There may be others i've missed. Please update the shipping address.

Neurometabolic Unit 6th Floor, Institute of Neurology, Queen Square House Queen Square, London WC1N 3BG copy of letter pasted below..... Dear User Neurometabolic Unit Laboratory moves to the Institute of Neurology. On the 5th of July 2021, the Neurometabolic Unit Laboratory will move to the 6th floor of the Institute of Neurology. Please update all relevant records with our new laboratory address below: Neurometabolic Unit 6th Floor, Institute of Neurology, Queen Square House Queen Square, London WC1N 3BG Our telephone numbers will not change. From the 12th of July 2021, all courier and postal service deliveries should be sent to the 6th floor of the Institute of Neurology. We will continue to check our PO Box at the National Hospital for Neurology and Neurosurgery (NHNN) for a transition period; however there will not be any one to receive couriered specimens in the basement floor of NHNN. Please ensure all couriers are booked for delivery to our new address. Unfortunately, the disruption of this lab move will likely have an impact on our laboratory service. In addition, COVID social distancing restrictions and unexpected self-isolation requirements are continuing to impact our turnaround times. To continue to provide a responsive clinical laboratory service, please contact us at uclh.enquiry.neurometabolic@nhs.net to inform us of an urgent or priority sample and we will endeavour to include the sample on the next available batch of samples for assay. Our current turn around times for our assays is included in our user manual linked to our website. Our website site are detailed above. We thank you for your understanding during these challenging times.'

Change Requested on 01-Jul-2021 15:46 by Darren Powell

Darren Powell Requested Change: 'Add anti-dopamine receptor 2 antibodies tst to the book. Also known as 'dopamine antibodies'. Sent to Immunology at the Churchill lab in Oxford . Example request is 2806BC471. Thanks '

Change Requested on 01-Jul-2021 09:54 by Darren Powell

Darren Powell Requested Change: 'Please update to reflect that Islet cell antibodies has been discontinued/removed from the diabetes Auto Ab panel. July 1st 2021. Thanks'

Change Requested on 01-Jul-2021 09:52 by Darren Powell

Darren Powell Requested Change: 'Please update to reflect that Islet cell antibodies has been discontinued/removed from the diabetes Auto Ab panel. July 1st 2021. Thanks'

Change Requested on 17-Jun-2021 09:38 by Darren Powell

Darren Powell Requested Change: '? add entry for Red Cell Essential Fatty Acids (red Cell EFAs). Not sure what to do this these...see 1606BC544'

Change Requested on 07-Jun-2021 14:25 by Christine Chesters

Christine Chesters Requested Change: 'Can the Infiximab page be updated to ensure staff are aware they must request both Infix level and Ab's on the send away form.'

Change Requested on 20-May-2021 15:25 by Darren Powell

Darren Powell Requested Change: 'Incorrect sample types stated for Cryoglobulin Please review and update with latest from PRU Sheffield website: <https://www.immqas.org.uk/TestItem.asp?id=244>, plus add this URL to their test instructions to the SAS page. n.b a chnage request has also gone in on the lab Cryo SOP 4930 and to also review the Meditech setup. Suspect that incorrect specimen types are stated on the printed labels and dont; reflect the tubes we take down.'

Change Requested on 12-May-2021 14:32 by Christine Chesters

Christine Chesters Requested Change: 'Please can the instructions for DHT (TMS Testo) be made clearer. Correct spelling on hCG also'

Change Request Verified on 05-May-2021 16:37 by Suzanne Armitage

Suzanne Armitage verified change request: "Updated"

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please can the contact email address for the following tests sent to Barts Hospital be updated to: bhnt.clinbiochemadvice-barts@nhs.net 11-deoxycortisol 17-OHP Androstenedione DHEAS DHT Thanks, Suzy '

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Darren Powell Requested Change: 'Update Thiopental with info from CMFT - emailed 22/04/21'

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Darren Powell Requested Change: 'Urine Tox: Please include info that there is no weekend/OOH service for urgent Tox requests. Samples received after 4pm will be analysed next working day. Please give notice of urgent requests. +All OOH requests MUST be discussed by the requesting consultant with the on-call toxicology consultant in Birmingham, plus add contact numbers.'

Draft Created on 05-May-2021 16:30 by Suzanne Armitage

Reason: Update & review of document

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Amanda Leek Requested Change: 'Please could the following tests be added to the document; *anti-intrinsic antibodies *anti-interferon antibodies'

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Amy Aitchison Requested Change: 'Please can you add ATG in brackets after Anti-Thyroglobulin Antibodies. Mediatech label says ATG- can't find in SAS book by searching this. '

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Darren Powell Requested Change: 'Add number of Gut Hormone results:020 3313 3794 First number in the list doesn't work. 2nd is for clinical advice. XLS already updated by DP ready for next version.'

Change Requested on 05-May-2021 16:30 by Suzanne Armitage

Laura Walker Requested Change: 'Update for glycolate and oxalate: We usually request both tests on the same sample, however UCL have updated us to say that both tests have different pH requirements. For glycolate, non-acidified samples are preferred. If the pH is too low there is evidence of it affecting the chromatography in some samples. For oxalate, the pH requirement is 2.5 – 5. So they have asked that we update our sample handbook to say plain urine sample is preferred for glycolate, but if the same sample is taken for both oxalate and glycolate measurement the pH must be no lower than 2.5 – 5, and noted on the request.'

Change Request Approved For Future Version on 05-May-2021 10:29 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 05-May-2021 10:29 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 05-May-2021 10:29 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 05-May-2021 10:29 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved For Future Version on 05-May-2021 10:29 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved on 05-May-2021 10:29 by Darren Powell

Darren Powell approved change request: ""

Change Requested on 04-May-2021 10:01 by Darren Powell

Darren Powell Requested Change: 'Urine Tox: Please include info that there is no weekend/OOH service for urgent Tox requests. Samples received after 4pm will be analysed next working day. Please give notice of urgent requests. +All OOH requests MUST be discussed by the requesting consultant with the on-call toxicology consultant in Birmingham, plus add contact numbers.'

Change Requested on 22-Apr-2021 18:09 by Darren Powell

Darren Powell Requested Change: 'Update Thiopental with info from CMFT - emailed 22/04/21'

Change Requested on 09-Apr-2021 15:58 by Suzanne Armitage

Suzanne Armitage Requested Change: 'Please can the contact email address for the following tests sent to Barts Hospital be updated to: bhnt.clinbiochemadvice-barts@nhs.net 11-deoxycortisol 17-OHP Androstenedione DHEAS DHT Thanks, Suzy '

Change Requested on 01-Apr-2021 16:14 by Laura Walker (Inactive)

Laura Walker Requested Change: 'Update for glycolate and oxalate: We usually request both tests on the same sample, however UCL have updated us to say that both tests have different pH requirements. For glycolate, non-acidified samples are preferred. If the pH is too low there is evidence of it affecting the chromatography in some samples. For oxalate, the pH requirement is 2.5 – 5. So they have asked that we update our sample handbook to say plain urine sample is preferred for glycolate, but if the same sample is taken for both oxalate and glycolate measurement the pH must be no lower than 2.5 – 5, and noted on the request.'

Change Requested on 10-Mar-2021 14:17 by Darren Powell

Darren Powell Requested Change: 'Add number of Gut Hormone results: 020 3313 3794 First number in the list doesn't work. 2nd is for clinical advice. XLS already updated by DP ready for next version.'

Change Requested on 02-Mar-2021 15:27 by Catherine Collingwood

Catherine Collingwood Requested Change: 'For Thiopurine metabolites please change "Must be analysed within 10 days from sample collection" to "Sample must reach the referral laboratory within 5 days of collection"

Change Request Verified on 29-Jan-2021 11:32 by Darren Powell

Darren Powell verified change request: "dp"

Change Request Verified on 29-Jan-2021 11:31 by Darren Powell

Darren Powell verified change request: ""

Change Request Verified on 29-Jan-2021 11:31 by Darren Powell

Darren Powell verified change request: ""

Change Request Approved For Future Version on 26-Jan-2021 16:11 by Darren Powell

Darren Powell approved for future version change request: ""

Change Requested on 25-Jan-2021 12:41 by Amy Aitchison

Amy Aitchison Requested Change: 'Please can you add ATG in brackets after Anti-Thyroglobulin Antibodies. Mediatech label says ATG- can't find in SAS book by searching this. '

Authorised on 21-Jan-2021 08:45 by Catherine Collingwood

Authorised version 11.5 - . The following users will be notified when a review is due for this document: Catherine Collingwood Document was scheduled to be released on 2021-01-21 The document was originally due for review on 09-Sep-2022

Superseded on 21-Jan-2021 08:45 by Catherine Collingwood

Version 11.4 superseded by version 11.5

Authorisation requested on 20-Jan-2021 18:22 by Darren Powell

Authorisation request sent to Catherine Collingwood by Darren Powell on 20-Jan-2021 18:22.

Draft Created on 20-Jan-2021 18:04 by Darren Powell

Reason: Minor revision for updates and amendments

Change Requested on 20-Jan-2021 18:04 by Darren Powell

Amanda Leek Requested Change: 'Please could the following tests be added to the document; *anti-intrinsic antibodies
*anti-interferon antibodies'

Change Request Approved For Future Version on 18-Jan-2021 12:24 by Darren Powell

Darren Powell approved for future version change request: ""

Change Request Approved on 18-Jan-2021 12:20 by Darren Powell

Darren Powell approved change request: ""

Change Request Approved on 18-Jan-2021 12:09 by Darren Powell

Darren Powell approved change request: ""

Change Request Approved on 18-Jan-2021 11:43 by Darren Powell

Darren Powell approved change request: ""

Change Requested on 07-Jan-2021 14:43 by Amy Aitchison

Amy Aitchison Requested Change: 'Contact telephone number for Trace Element Unit, Southampton General Hospital-
under Iodine incorrect. Correct number taken from internet is : 023807 96237'

Change Requested on 15-Dec-2020 16:29 by Catherine Collingwood

Catherine Collingwood Requested Change: 'Amended VGKC Abs information to be added'

Change Requested on 14-Dec-2020 10:03 by Tracy Oliveira (Inactive)

Tracy Oliveira Requested Change: 'Need to clarify what preparation of B6 entails for samples as only clear if you already
know.'

Change Requested on 02-Dec-2020 12:22 by Amanda Leek (Inactive)

Amanda Leek Requested Change: 'Please could the following tests be added to the document; *anti-intrinsic antibodies
*anti-interferon antibodies'

Superseded on 09-Sep-2020 15:22 by Catherine Collingwood

Version 11.3 superseded by version 11.4

Authorised on 09-Sep-2020 15:22 by Catherine Collingwood

Authorised version 11.4 - . The following users will be notified when a review is due for this document: Catherine
Collingwood, Catherine Collingwood Document was scheduled to be released on 2020-09-09 The document was
originally due for review on 15-Jun-2022

Draft Created on 09-Sep-2020 14:55 by Catherine Collingwood

Reason: Procalcitonin updated

Change Requested on 09-Sep-2020 14:55 by Catherine Collingwood

Amanda Leek Requested Change: 'Please could you include anti-IF ab to this document'

Change Requested on 30-Jun-2020 01:47 by Amanda Leek (Inactive)

Amanda Leek Requested Change: 'Please could you include anti-IF ab to this document'

Superseded on 15-Jun-2020 13:49 by Catherine Treslove (Inactive)

Version 11.2 superseded by version 11.3

Authorised on 15-Jun-2020 13:49 by Catherine Treslove (Inactive)

Authorised version 11.3 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2020-06-15 The document was originally due for review on 02-Jun-2022

Draft Created on 15-Jun-2020 13:49 by Catherine Treslove (Inactive)

Reason: additions

Superseded on 02-Jun-2020 11:17 by Catherine Treslove (Inactive)

Version 11.1 superseded by version 11.2

Authorised on 02-Jun-2020 11:16 by Catherine Treslove (Inactive)

Authorised version 11.2 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2020-06-02 The document was originally due for review on 05-May-2022

Draft Created on 02-Jun-2020 11:12 by Catherine Treslove (Inactive)

Reason: add test codes

Superseded on 05-May-2020 11:24 by Catherine Treslove (Inactive)

Version 11.0 superseded by version 11.1

Authorised on 05-May-2020 11:24 by Catherine Treslove (Inactive)

Authorised version 11.1 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2020-05-05 The document was originally due for review on 30-Apr-2022

Draft Created on 05-May-2020 11:23 by Catherine Treslove (Inactive)

Reason: amended

Superseded on 30-Apr-2020 18:45 by Catherine Treslove (Inactive)

Version 10.9 superseded by version 11.0

Authorised on 30-Apr-2020 18:45 by Catherine Treslove (Inactive)

Authorised version 11.0 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2020-04-30 The document was originally due for review on 20-Apr-2022

Draft Created on 30-Apr-2020 18:44 by Catherine Treslove (Inactive)

Reason: updated

Superseded on 20-Apr-2020 10:18 by Catherine Treslove (Inactive)

Version 10.8 superseded by version 10.9

Authorised on 20-Apr-2020 10:18 by Catherine Treslove (Inactive)

Authorised version 10.9 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2020-04-20 The document was originally due for review on 20-Apr-2022

Draft Created on 20-Apr-2020 10:17 by Catherine Treslove (Inactive)

Reason: updated

Superseded on 20-Apr-2020 09:28 by Kevin Padmore (Inactive)

Version 10.7 superseded by version 10.8

Authorised on 20-Apr-2020 09:28 by Kevin Padmore (Inactive)

Authorised version 10.8 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2020-04-20 The document was originally due for review on 13-Nov-2021

Draft Created on 20-Apr-2020 09:28 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 13-Nov-2019 09:54 by Catherine Treslove (Inactive)

Version 10.6 superseded by version 10.7

Authorised on 13-Nov-2019 09:54 by Catherine Treslove (Inactive)

Authorised version 10.7 - . The following users will be notified when a review is due for this document: Catherine Treslove, Catherine Treslove Document was scheduled to be released on 2019-11-13 The document was originally due for review on 12-Sep-2021

Draft Created on 13-Nov-2019 09:52 by Catherine Treslove (Inactive)

Reason: Amendments

Superseded on 12-Sep-2019 15:18 by Catherine Treslove (Inactive)

Version 10.5 superseded by version 10.6

Authorised on 12-Sep-2019 15:18 by Catherine Treslove (Inactive)

Authorised version 10.6 - . The following users will be notified when a review is due for this document: Kevin Padmore, Catherine Treslove Document was scheduled to be released on 2019-09-12 The document was originally due for review on 03-Jul-2021

Draft Created on 12-Sep-2019 15:17 by Catherine Treslove (Inactive)

Reason: updated

Superseded on 03-Jul-2019 13:35 by Catherine Treslove (Inactive)

Version 10.4 superseded by version 10.5

Authorised on 03-Jul-2019 13:35 by Catherine Treslove (Inactive)

Authorised version 10.5 - . The following users will be notified when a review is due for this document: Kevin Padmore, Catherine Treslove Document was scheduled to be released on 2019-07-03 The document was originally due for review on 21-Mar-2021

Draft Created on 03-Jul-2019 13:34 by Catherine Treslove (Inactive)

Reason: updated

Superseded on 27-Mar-2019 12:00 by Catherine Treslove (Inactive)

Version 10.3 superseded by version 10.4

Authorised on 27-Mar-2019 12:00 by Catherine Treslove (Inactive)

Authorised version 10.4 - . The following users will be notified when a review is due for this document: Kevin Padmore, Catherine Treslove Document was scheduled to be released on 2019-03-27 The document was originally due for review on 05-Oct-2021

Draft Created on 27-Mar-2019 11:57 by Catherine Treslove (Inactive)

Reason: updated

Authorised on 05-Oct-2018 09:58 by Kevin Padmore (Inactive)

Authorised version 10.3 - . The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2018-10-05 The document was originally due for review on 13-Jul-2022

Superseded on 05-Oct-2018 09:58 by Kevin Padmore (Inactive)

Version 10.2 superseded by version 10.3

Draft Created on 05-Oct-2018 09:46 by Kevin Padmore (Inactive)

Reason: updated cea, ca125,ca19

Authorised on 10-Jul-2018 00:50 by Kevin Padmore (Inactive)

Authorised version 10.2 - . The following users will be notified when a review is due for this document: Kevin Padmore

Superseded on 10-Jul-2018 00:50 by Kevin Padmore (Inactive)

Version 10.1 superseded by version 10.2

Draft Created on 10-Jul-2018 00:48 by Kevin Padmore (Inactive)

Reason: UPDATED

Document Released on 10-Jul-2018 00:48 by Kevin Padmore (Inactive)

The Document was released. The original release date was 2018-07-10. The reason to release document before that time was: "COMPLETE"

Authorised on 10-Jul-2018 00:47 by Kevin Padmore (Inactive)

Authorised version 10.1 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2018-07-10

Superseded on 10-Jul-2018 00:47 by Kevin Padmore (Inactive)

Version 10.0 superseded by version 10.1

Draft Created on 09-Jul-2018 23:53 by Kevin Padmore (Inactive)

Reason: UPDATED THYROGLOBULIN

Feedback Requested on 02-Jul-2018 12:51 by Darren Powell

Feedback tasks were assigned to the following users: Kevin Padmore. This feedback is to be completed by 01-Aug-2018

Superseded on 26-May-2018 05:32 by Kevin Padmore (Inactive)

Version 9.5 superseded by version 10.0

Authorised on 26-May-2018 05:32 by Kevin Padmore (Inactive)

Authorised version 10 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2018-05-26

Draft Created on 26-May-2018 05:29 by Kevin Padmore (Inactive)

Reason: UPDATED

Authorised on 12-Apr-2018 15:37 by Kevin Padmore (Inactive)

Authorised version 9.5 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2018-04-12

Superseded on 12-Apr-2018 15:37 by Kevin Padmore (Inactive)

Version 9.4 superseded by version 9.5

Draft Created on 12-Apr-2018 12:00 by Kevin Padmore (Inactive)

Reason: UPDATED CRYOGLOBULIN

Superseded on 10-Feb-2018 15:27 by Kevin Padmore (Inactive)

Version 9.3 superseded by version 9.4

Authorised on 10-Feb-2018 15:27 by Kevin Padmore (Inactive)

Authorised version 9.4 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2018-02-10

Draft Created on 10-Feb-2018 15:19 by Kevin Padmore (Inactive)

Reason: updated succinylacetone and parathyroid ab's added

Superseded on 14-Nov-2017 15:03 by Kevin Padmore (Inactive)

Version 9.2 superseded by version 9.3

Authorised on 14-Nov-2017 15:03 by Kevin Padmore (Inactive)

Authorised version 9.3 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2017-11-14

Draft Created on 14-Nov-2017 14:39 by Kevin Padmore (Inactive)

Reason: UPDATED LYMPHOCYTE FUNCTION TEST

Superseded on 06-Sep-2017 09:13 by Kevin Padmore (Inactive)

Version 9.1 superseded by version 9.2

Authorised on 06-Sep-2017 09:13 by Kevin Padmore (Inactive)

Authorised version 9.2 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 01-Sep-2017 15:45 by Kevin Padmore (Inactive)

Reason: UPDATED THIOPENTONE

Superseded on 30-Jul-2017 16:00 by Kevin Padmore (Inactive)

Version 9.0 superseded by version 9.1

Authorised on 30-Jul-2017 16:00 by Kevin Padmore (Inactive)

Authorised version 9.1 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 30-Jul-2017 15:57 by Kevin Padmore (Inactive)

Reason: UPDATED CA125 AND ADDEDD Vedolizumab

Superseded on 07-Jul-2017 11:17 by Kevin Padmore (Inactive)

Version 8.9 superseded by version 9.0

Authorised on 07-Jul-2017 11:17 by Kevin Padmore (Inactive)

Authorised version 9.0 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 07-Jul-2017 11:13 by Kevin Padmore (Inactive)

Reason: updated copy

Superseded on 29-Jun-2017 15:59 by Kevin Padmore (Inactive)

Version 8.8 superseded by version 8.9

Authorised on 29-Jun-2017 15:59 by Kevin Padmore (Inactive)

Authorised version 8.9 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2017-06-29

Draft Created on 29-Jun-2017 15:36 by Kevin Padmore (Inactive)

Reason: updated copy

Superseded on 09-May-2017 11:43 by Kevin Padmore (Inactive)

Version 8.7 superseded by version 8.8

Authorised on 09-May-2017 11:43 by Kevin Padmore (Inactive)

Authorised version 8.8 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2017-05-09

Draft Created on 09-May-2017 11:35 by Kevin Padmore (Inactive)

Reason: updated TMA 09 05 2017

Superseded on 29-Apr-2017 05:09 by Kevin Padmore (Inactive)

Version 8.6 superseded by version 8.7

Authorised on 29-Apr-2017 05:09 by Kevin Padmore (Inactive)

Authorised version 8.7 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2017-04-29

Draft Created on 29-Apr-2017 05:06 by Kevin Padmore (Inactive)

SAS BOOK REFERENCE COPY - Version: 11.18. Index: Biochemistry 80. Printed: 02-Sep-2025 17:57

Authorised on: 07-Aug-2025. Authorised by: Catherine Collingwood. Document Unique Reference: 385-126310784. Due for review on: 06-Aug-2027

Author(s): Kevin Padmore (Inactive), Suzanne Armitage

Reason: UPDATED LEAD

Superseded on 13-Apr-2017 10:22 by Kevin Padmore (Inactive)

Version 8.5 superseded by version 8.6

Authorised on 13-Apr-2017 10:22 by Kevin Padmore (Inactive)

Authorised version 8.6 - UPDATED SYNOVIAL FLUID. The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2017-04-13

Draft Created on 13-Apr-2017 10:15 by Kevin Padmore (Inactive)

Reason: UPDATED SYNOVIAL FLUID

Superseded on 20-Mar-2017 13:36 by Kevin Padmore (Inactive)

Version 8.4 superseded by version 8.5

Authorised on 20-Mar-2017 13:36 by Kevin Padmore (Inactive)

Authorised version 8.5 - . The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2016-04-18

Draft Created on 20-Mar-2017 13:28 by Kevin Padmore (Inactive)

Reason: UPDATED B2 GLYCOPROTEIN

Superseded on 22-Feb-2017 13:17 by Kevin Padmore (Inactive)

Version 8.3 superseded by version 8.4

Authorised on 22-Feb-2017 13:17 by Kevin Padmore (Inactive)

Authorised version 8.4 - . The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2016-04-18

Draft Created on 22-Feb-2017 12:53 by Kevin Padmore (Inactive)

Reason: updated renin/aldosterone/cafeine/b2 glycoprotein abs

Superseded on 09-Jan-2017 14:51 by Kevin Padmore (Inactive)

Version 8.2 superseded by version 8.3

Authorised on 09-Jan-2017 14:51 by Kevin Padmore (Inactive)

Authorised version 8.3 - . The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2016-04-18

Draft Created on 09-Jan-2017 14:17 by Kevin Padmore (Inactive)

Reason: UPDATED WITH BONE MARKERS

Superseded on 19-Dec-2016 14:19 by Kevin Padmore (Inactive)

Version 8.1 superseded by version 8.2

Authorised on 19-Dec-2016 14:19 by Kevin Padmore (Inactive)

Authorised version 8.2 - . The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2016-04-18

Draft Created on 19-Dec-2016 14:07 by Kevin Padmore (Inactive)

Reason: UPDATED ntPRObnp

Superseded on 16-Nov-2016 10:50 by Kevin Padmore (Inactive)

Version 8.0 superseded by version 8.1

Authorised on 16-Nov-2016 10:50 by Kevin Padmore (Inactive)

Authorised version 8.1 - . The following users will be notified when a review is due for this document: Kevin Padmore Document was scheduled to be released on 2016-04-18

Draft Created on 16-Nov-2016 10:08 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 14-Nov-2016 16:36 by Kevin Padmore (Inactive)

Version 7.9 superseded by version 8.0

Authorised on 14-Nov-2016 16:36 by Kevin Padmore (Inactive)

Authorised version 8.0 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 14-Nov-2016 16:09 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 14-Nov-2016 16:04 by Kevin Padmore (Inactive)

Version 7.8 superseded by version 7.9

Authorised on 14-Nov-2016 16:04 by Kevin Padmore (Inactive)

Authorised version 7.9 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 14-Nov-2016 12:30 by Kevin Padmore (Inactive)

Reason: UPDATED 14 11 2016

Authorised on 14-Nov-2016 12:24 by Kevin Padmore (Inactive)

Authorised version 7.8 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Superseded on 14-Nov-2016 12:24 by Kevin Padmore (Inactive)

Version 7.7 superseded by version 7.8

Draft Created on 14-Nov-2016 12:19 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 14-Nov-2016 12:16 by Kevin Padmore (Inactive)

Version 7.6 superseded by version 7.7

Authorised on 14-Nov-2016 12:16 by Kevin Padmore (Inactive)

Authorised version 7.7 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 14-Nov-2016 11:57 by Kevin Padmore (Inactive)

Reason: UPDATED ACETYL CHOLINESTERASE AB'S AND THIOPRINE METABOLITES

Superseded on 07-Nov-2016 11:44 by Kevin Padmore (Inactive)

Version 7.5 superseded by version 7.6

Authorised on 07-Nov-2016 11:44 by Kevin Padmore (Inactive)

Authorised version 7.6 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 07-Nov-2016 09:32 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 21-Oct-2016 12:37 by Kevin Padmore (Inactive)

Version 7.4 superseded by version 7.5

Authorised on 21-Oct-2016 12:37 by Kevin Padmore (Inactive)

Authorised version 7.5 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 21-Oct-2016 12:22 by Kevin Padmore (Inactive)

Reason: updated P1NP and Leptin

Superseded on 18-Oct-2016 10:24 by Kevin Padmore (Inactive)

Version 7.3 superseded by version 7.4

Authorised on 18-Oct-2016 10:24 by Kevin Padmore (Inactive)

Authorised version 7.4 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 18-Oct-2016 10:19 by Kevin Padmore (Inactive)

Reason: UPDATED ALP ISOENZYME AND RENIN

Superseded on 03-Oct-2016 12:39 by Kevin Padmore (Inactive)

Version 7.2 superseded by version 7.3

Authorised on 03-Oct-2016 12:39 by Kevin Padmore (Inactive)

Authorised version 7.3 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 03-Oct-2016 12:38 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 03-Oct-2016 12:29 by Kevin Padmore (Inactive)

Version 7.1 superseded by version 7.2

Authorised on 03-Oct-2016 12:29 by Kevin Padmore (Inactive)

Authorised version 7.2 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 03-Oct-2016 12:21 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 22-Jul-2016 12:12 by Kevin Padmore (Inactive)

Version 7.0 superseded by version 7.1

Authorised on 22-Jul-2016 12:12 by Kevin Padmore (Inactive)

Authorised version 7.1 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 22-Jul-2016 12:07 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 20-Jul-2016 16:02 by Kevin Padmore (Inactive)

Version 6.9 superseded by version 7.0

Authorised on 20-Jul-2016 16:02 by Kevin Padmore (Inactive)

Authorised version 7.0 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 20-Jul-2016 15:39 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 02-Jul-2016 09:52 by Kevin Padmore (Inactive)

Version 6.8 superseded by version 6.9

Authorised on 02-Jul-2016 09:52 by Kevin Padmore (Inactive)

Authorised version 6.9 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 02-Jul-2016 09:49 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 29-Jun-2016 14:29 by Kevin Padmore (Inactive)

Version 6.7 superseded by version 6.8

Authorised on 29-Jun-2016 14:29 by Kevin Padmore (Inactive)

Authorised version 6.8 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 29-Jun-2016 14:03 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 10-Jun-2016 13:04 by Kevin Padmore (Inactive)

Version 6.6 superseded by version 6.7

Authorised on 10-Jun-2016 13:04 by Kevin Padmore (Inactive)

Authorised version 6.7 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 10-Jun-2016 12:45 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 17-May-2016 15:27 by Kevin Padmore (Inactive)

Version 6.5 superseded by version 6.6

Authorised on 17-May-2016 15:27 by Kevin Padmore (Inactive)

Authorised version 6.6 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 17-May-2016 15:13 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 25-Apr-2016 12:23 by Kevin Padmore (Inactive)

Version 6.4 superseded by version 6.5

Authorised on 25-Apr-2016 12:23 by Kevin Padmore (Inactive)

Authorised version 6.5 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 25-Apr-2016 12:11 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 18-Apr-2016 12:31 by Kevin Padmore (Inactive)

Version 6.3 superseded by version 6.4

Authorised on 18-Apr-2016 12:31 by Kevin Padmore (Inactive)

Authorised version 6.4 - . The following users will be notified when a review is due for this document: Kevin Padmore
Document was scheduled to be released on 2016-04-18

Draft Created on 18-Apr-2016 12:17 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 04-Apr-2016 16:09 by Kevin Padmore (Inactive)

Version 6.2 superseded by version 6.3

Authorised on 04-Apr-2016 16:09 by Kevin Padmore (Inactive)

Authorised version 6.3 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 04-Apr-2016 16:00 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 04-Apr-2016 15:52 by Kevin Padmore (Inactive)

Version 6.1 superseded by version 6.2

Authorised on 04-Apr-2016 15:52 by Kevin Padmore (Inactive)

Authorised version 6.2 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 04-Apr-2016 15:51 by Kevin Padmore (Inactive)

Reason: UPDATED JOHNATHAN BERG TEL NUMBER 0121 507 5345 BIRMINGHAM TPMT

Superseded on 26-Feb-2016 15:26 by Kevin Padmore (Inactive)

Version 6.0 superseded by version 6.1

Authorised on 26-Feb-2016 15:26 by Kevin Padmore (Inactive)

Authorised version 6.1 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 26-Feb-2016 15:20 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 24-Feb-2016 15:29 by Kevin Padmore (Inactive)

Version 5.9 superseded by version 6.0

Authorised on 24-Feb-2016 15:29 by Kevin Padmore (Inactive)

Authorised version 6.0 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 24-Feb-2016 15:20 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 31-Dec-2015 12:44 by Kevin Padmore (Inactive)

Version 5.8 superseded by version 5.9

Authorised on 31-Dec-2015 12:44 by Kevin Padmore (Inactive)

Authorised version 5.9 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 31-Dec-2015 12:26 by Kevin Padmore (Inactive)

Reason: updated ch50

Superseded on 14-Dec-2015 13:03 by Kevin Padmore (Inactive)

Version 5.7 superseded by version 5.8

Authorised on 14-Dec-2015 13:03 by Kevin Padmore (Inactive)

Authorised version 5.8 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 14-Dec-2015 12:54 by Kevin Padmore (Inactive)

Reason: UPDTAED

Superseded on 30-Nov-2015 16:18 by Kevin Padmore (Inactive)

Version 5.6 superseded by version 5.7

Authorised on 30-Nov-2015 16:18 by Kevin Padmore (Inactive)

Authorised version 5.7 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 30-Nov-2015 16:17 by Kevin Padmore (Inactive)

Reason: UPDATED WCE AND CARDIOLIPIN

Superseded on 10-Nov-2015 13:21 by Kevin Padmore (Inactive)

Version 5.5 superseded by version 5.6

Authorised on 10-Nov-2015 13:21 by Kevin Padmore (Inactive)

Authorised version 5.6 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 24-Oct-2015 21:52 by Kevin Padmore (Inactive)

Reason: updated trop T

Superseded on 31-Aug-2015 03:23 by Kevin Padmore (Inactive)

Version 5.4 superseded by version 5.5

Authorised on 31-Aug-2015 03:23 by Kevin Padmore (Inactive)

Authorised version 5.5 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 29-May-2015 08:56 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 09-Apr-2015 10:47 by Kevin Padmore (Inactive)

Version 5.3 superseded by version 5.4

Authorised on 09-Apr-2015 10:47 by Kevin Padmore (Inactive)

Authorised version 5.4 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 09-Apr-2015 10:42 by Kevin Padmore (Inactive)

Reason: updated NiemannPic

Superseded on 01-Apr-2015 12:55 by Kevin Padmore (Inactive)

Version 5.2 superseded by version 5.3

Authorised on 01-Apr-2015 12:55 by Kevin Padmore (Inactive)

Authorised version 5.3 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 01-Apr-2015 12:53 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 18-Mar-2015 11:14 by Kevin Padmore (Inactive)

Version 5.1 superseded by version 5.2

Authorised on 18-Mar-2015 11:14 by Kevin Padmore (Inactive)

Authorised version 5.2 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 18-Mar-2015 10:57 by Kevin Padmore (Inactive)

Reason: UPDATED BATTENS DISEASE UPDATED NEUTROPHIL OXIDATION BURST

Superseded on 05-Mar-2015 16:42 by Kevin Padmore (Inactive)

Version 5.0 superseded by version 5.1

Authorised on 05-Mar-2015 16:42 by Kevin Padmore (Inactive)

Authorised version 5.1 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 05-Mar-2015 16:38 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 23-Feb-2015 12:12 by Kevin Padmore (Inactive)

Version 4.9 superseded by version 5.0

Authorised on 23-Feb-2015 12:12 by Kevin Padmore (Inactive)

Authorised version 5.0 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 23-Feb-2015 12:11 by Kevin Padmore (Inactive)

Reason: updated

Superseded on 22-Jan-2015 12:26 by Kevin Padmore (Inactive)

Version 4.8 superseded by version 4.9

Authorised on 22-Jan-2015 12:26 by Kevin Padmore (Inactive)

Authorised version 4.9 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 22-Jan-2015 12:24 by Kevin Padmore (Inactive)

Reason: UPDATED

Superseded on 24-Dec-2014 12:17 by Kevin Padmore (Inactive)

Version 4.7 superseded by version 4.8

Authorised on 24-Dec-2014 12:17 by Kevin Padmore (Inactive)

Authorised version 4.8 - . The following users will be notified when a review is due for this document: Kevin Padmore

Draft Created on 19-Dec-2014 17:19 by Kevin Padmore (Inactive)

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Appendix: SAS BOOK REFERENCE COPY

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Peer Review tasks were assigned to the following users: Kevin Padmore. This review is to be completed by 10-Jan-2013