

Paediatric Laboratory Medicine (Pathology)

Title: Send away sample information

Index: MBSASI

Author(s): Teresa Barton (Inactive)

Authorised By: Kathryn Ball

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Serology Requests

Mnemonic	Name in Order Entry	Tests Done	Referral Lab	Sample type
ADOPTION	Adoption screen	HIV Ag & Ab, HBsAg, HCV Ab, Syphilis serology	LCL	Clotted blood
ASPPRECIP	Aspergillus precipitans	IgG anti-Aspergillus	LCL	Clotted blood
β13DGLU	β-1-3-D Glucan	Beta Glucan serology	MRC (Wythenshaw)	Whole blood (do not spin)
BARTSER	Bartonella serology	Bartonella serology	Marseille	Clotted blood
BMTDONOR	BMT donor screen	HBsAg, anti-HBc, HCV Ab, HIV Ag & Ab, CMV IgG, EBV VCA IgG, HTLV 1&2, Syphilis, Toxoplasma IgM & IgG, HSV IgG, VZV IgG	LCL	Clotted blood
BPSER	Bordetella pertussis serology	Anti-pertussis toxin IgG	Colindale, RVPBRU	Clotted blood
BRUCSER	Brucella serology	Brucella IgG, IgM	LCL	Clotted blood
CANABS	Candida Antibodies	Candida antibodies	Bristol, PHE	Clotted blood
CARDSCR	Cardiomyopathy screen	Parvovirus IgG & IgM, Toxoplasma IgG & IgM	LCL	Clotted blood
HEPCHRONIC	Chronic hepatitis diagnosis	HBsAg, HBc, HCV Ab	LCL	Clotted blood
CMVDIAG	CMV diagnosis	CMV IgG & IgM	LCL	Clotted blood
CMVIMM	CMV immunity	CMV IgG	LCL	Clotted blood
CISCREEN	Congenital infection screen	Toxoplasma IgM & IgG, CMV IgG & IgM	LCL	Clotted blood
CRYPTOAG	Cryptococcal antigen	Cryptococcal antigen	LCL	CSF/Clotted blood
CYSTSER	Cysticercosis serology	Cysticercosis serology test	LHTD	Clotted blood, CSF
DIALSCREEN	Dialysis screen	HBsAg, HCV Ab, HIV Ag & Ab	LCL	Clotted blood
DIPHSER	Diphtheria serology	Diphtheria antitoxin level	Colindale, RVPBRU	Clotted blood
EBVDIAG	EBV diagnosis (symptomatic)	EBV VCA IgM & IgG	LCL	Clotted blood
EBVIMM	EBV immunity	EBV VCA IgG	LCL	Clotted blood
ECHINO	Echinococcus serology	Antibodies to Echinococcus Sp.	LSTM	Clotted blood
FUNCAB	Functional Abs (Hib & Pneumo only)	Hib and Pneumococcal Ab	SNGH	Clotted blood
FUNCAB -ID TEAM	Functional Abs (ID team only)	Hib, Pneumococcal and Tetanus Ab	SNGH	Clotted blood
FUNGDMC	Fungal Microscopy and Culture	Hair, skin and nail microscopy and culture	MRC (Wythenshaw)	Skin, Hair, Nail
GALMAN	Galactomannan test	Aspergillus antigen	MRC (Wythenshaw)	Clotted blood, BAL, CSF, Pleural fluid
GEOSEROL	Geographical serology	Any unusual serology request – discuss with Consultant Microbiologist	Porton Down, RIPL	Clotted blood

Mnemonic	Name in Order Entry	Tests Done	Referral Lab	Sample type
HEPBANNUAL	Hep B annual (HTC only)	HepBPCR, Hep B c Ab & Ag (LAB ORDER ONLY)	LCL	Clotted blood
HEPACUTE	Acute hepatitis diagnosis	HBsAg, HBc, HAV IgG & IgM, HCV Ab	LCL	Clotted blood
HEPBCAB	Hep B core Ab - Gastro team only	HBc	LCL	Clotted blood
HEPB-RITUXIMAB	Hep B serology - Pre rituximab	HBsAb	LCL	Clotted blood
HEPAIMM	Hepatitis A - immunity status	HAV Ab	LCL	Clotted blood
HEPBSAG	Hepatitis B surface antigen	HBsAg	LCL	Clotted blood
HEPCAB	Hepatitis C antibody	HCV Ab	LCL	Clotted blood
HEPDV	Hepatitis D virus serology	HDV Ab	Colindale, CSU	Clotted blood
HEPEV	Hepatitis E virus serology	HEV Ab	Colindale, CSU	Clotted blood
HEPBPOST	Hepatitis B post vaccine status	anti-HBs	LCL	Clotted blood
HIVBASE	HIV baseline	HIV Ab & Ag	LCL	Clotted blood
HEPBE	HTCHep	Hep B c Ab & Ag	LCL	Clotted blood
HIV	HIV serology	HIV Ab & Ag	LCL	Clotted blood
HIVCONFIRM	HIV serology - confirmation	HIV Ab & Ag	LCL	Clotted blood
HIVSER	HIV serology- Rainbow	HIV Ab & Ag	LCL	Clotted blood
HEPHODGKINS	Hodgkin's – hepatitis screen	HCV Ab, HBcAb, HBsAg, HAV Ab	LCL	Clotted blood
HSVIMM	HSV immunity	HSV IgG & IgM	LCL	Clotted blood
HTLV	HTLV serology	HTLV Ab & Ag	LCL	Clotted blood
IGRA	Interferon Gamma Release Assay	T cell response to TB antigen	LCL, Immunology	Heparin Blood
INTRATHECALIGG	Intrathecal antibodies	VZ IgG, Measles IgG, HSV IgG, Rubella IgG	Colindale, IDU	CSF
LACSEROL	LAC serology	HIV Ag & Ab, HBsAg, HCV Ab, Syphilis serology	LCL	Clotted blood
LEISHSER	Leishmania serology	Antibodies to Leishmania species	LSTM	Clotted blood
LEPTOSER	Leptospira serology	Leptospirosis IgM	Porton Down, RIPL	Clotted blood, Urine
LYMESER	Lyme serology	Borrelia IgG & IgM	Porton Down, RIPL	Clotted blood, CSF
MEASDIAG	Measles diagnosis	Measles IgG & IgM	MRI	Clotted blood, CSF
MEASIMM	Measles immunity	Measles IgG	LCL	Clotted blood
MENACUTE	Meningo acute serum	Meningo B serology	MRI - USE MRI FORM	Clotted blood AND EDTA blood
MENCONVO	Meningo convalescent serum	Strain specific serology following infection **Use PHE Form**	MRI – USE MRI FORM	Clotted blood
MENSPABS	Meningo specific antibodies	Titres to meningo types A, B, C, W and Y	MRI – USE MRI FORM	Clotted blood
MUMPSDIAG	Mumps diagnosis	Mumps IgG & IgM	MRI	Clotted blood
MUMPSIMM	Mumps immunity	Mumps IgG	MRI	Clotted blood

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Mnemonic	Name in Order Entry	Tests Done	Referral Lab	Sample type
MYCOSER	Mycoplasma serology	Mycoplasma titres	GOSH	Clotted blood
NEEDLEDONOR	Needlestick – donor	HIV Ag & Ab, HBsAg, HCV Ab	LCL	Clotted blood
NEEDLERECIPIENT	Needlestick – recipient	anti-HBs, serum to store	LCL	Clotted blood
PRESERM COL	Oncology –pre sperm collection	HIV Ag & Ab, HBsAg, HBcAb, HCV Ab	LCL	Clotted blood
ODSCREEN	Organ donor screen	HBsAg, anti-HBc, HCV Ab, HIV Ag & Ab, CMV IgG, EBV VCA IgG, HTLV 1&2, Syphilis, Toxoplasma IgM & IgG	LCL	Clotted blood
OSELT	Oseltamivir resistance testing	Resistance gene detection	Colindale, AVU	BAL, ETT, Nose, Sputum, Throat, TR.ASP
PARVODIAG	Parvovirus serology	Parvovirus IgM and IgG	LCL	Clotted blood
PNSPABS	Pneumo specific antibodies	Pneumococcal serotype specific IgG antibodies	MRI	Clotted blood
PNANTIGEN	Pneumococcal antigen	Pneumococcal capsular antigen	LCL	Urine
QFEVER	Q fever serology	Q fever IgG & IgM, Coxiella IgG & IgM	Porton Down, RIPL	Clotted blood
RAINBOWSTORE	Rainbow store sample	Store for future testing	LCL	Clotted blood
RAINBOWSEROL	Rainbow viral serology	HIV Ag & Ab, HBsAg, HBcAb, HCV Ab, Syphilis serology	LCL	Clotted blood
RENALDBBV	Renal dialysis blood borne virus	HBsAg, HCV Ab, HIV Ag & Ab	LCL	Clotted blood
RENALN	Renal nephrotic	HBsAg, HCV Ab, CMV IgG, EBV IgG	LCL	Clotted blood
RENALPTB	Renal pre transplant baseline	HBsAg, anti-HBc, HCV Ab, CMV IgG, EBV IgG, Measles IgG, VZ IgG, HIV Ag & Ab	LCL	Clotted blood
RENALAR	Renal transplant A/R	HBsAg, anti-HBc, HCV Ab, Measles IgG, VZ IgG	LCL	Clotted blood
RENALTBR	Renal transplant base returned	HBsAg, anti-HBc, HCV Ab, CMV IgG, EBV IgG	LCL	Clotted blood
RUBDIAG	Rubella diagnosis	Rubella IgG & IgM	MRI	Clotted blood
RUBIMM	Rubella immunity	Rubella IgG	LCL	Clotted blood
SCHISTO	Schistosoma serology	Schistosoma antibody test	LSTM	Clotted blood
STORE	Store sample	Store for future testing	LCL	Clotted blood
STRONG	Strongyloides serology	Strongyloides ELISA	LSTM	Clotted blood
SYPHSER	Syphilis serology	Treponemal IgG & IgM	LCL	Clotted blood, CSF
TOXOCARA	Toxocara screen	Toxocara ELISA	LHTD	Clotted blood, CSF
TOXOPLASMA	Toxoplasma serology	Toxoplasma IgM & IgG **Discuss with Consultant**	LCL or PHE Swansea	Clotted blood

Mnemonic	Name in Order Entry	Tests Done	Referral Lab	Sample type
TRANRECIPIENT	Transplant recipient screen	HBsAg, anti-HBc, HCV Ab, HIV Ag & Ab, CMV IgG, VZV IgG, EBV VCA IgG	LCL	Clotted blood
ULEGION	Urine – Legionella antigen	Urinary Legionella serogroup 1 antigen	LCL	Urine
VZDIAG	VZ diagnosis	Varicella IgG & IgM	MRI	Clotted blood
VZIMM	VZ immunity	Varicella IgG	LCL	Clotted blood

PCR Requests

Mnemonic	Name in Order Entry	Referral Lab	Sample type
18S	18S fungal PCR screen	GOSH	See Clinical Details
ADENOPCR	Adenovirus PCR	LCL	Biopsy, Urine
ASPPCR	Aspergillus PCR	MRI	BAL, Pleural fluid, Tissue
ATYPICAL	Atypical Respiratory pathogens PCR	LCL	BAL, ETA, NPA, Nose/Throat,
BACTPCR	Bacterial PCR screen	GOSH	EDTA Blood, CSF, JA, PF, Pus, SCD
BKPCR	BK virus PCR	LCL	EDTA Blood, Urine
BKJPCR	BK/JC virus PCR	LCL	CSF
CMV.SPOT	Blood spot - CMV PCR	MRI	Guthrie card
TOXO.SPOT	Blood spot - Toxoplasma PCR	MRI	Guthrie card
BPPCR	Bordetella PCR	MRI	PNS, NPA
CANPCR	Candida PCR	MRI	BAL, EDTA Blood, CSF, Sputum
CHLAMGC PCR	Chlamydia/GC PCR (GC; <i>Neisseria gonorrhoea</i>)	LCL	Urine, Eye, Genital samples, Rectal swabs
CMVPCR	CMV PCR (NOT BLOOD) (Cytomegalovirus PCR)	LCL	BAL, CSF, Urine, Biopsy, ET aspirate, Pericardial fluid
CSFVIRAL	CSF PCR - HSV, VZ, Enterovirus	LCL	CSF, Brain
EBVPCR	EBV PCR (NOT BLOOD) (Epstein-Barr virus PCR)	LCL	CSF, BAL, Faeces, Pleural fluid, Tissue
ENTEROPCR	Enterovirus PCR	LCL	Faeces, Throat swab, Trach aspirate, Pericardial fluid,
HEPAPCR	Hepatitis A PCR	LCL	EDTA Blood
HEPBPCR	Hepatitis B PCR	LCL	EDTA Blood
HEPCPCR	Hepatitis C PCR	LCL	EDTA Blood
HEPEPCR	Hepatitis E PCR	Colindale, BBVU	EDTA Blood
HSVPCR	Herpes simplex virus PCR	LCL	BAL, Biopsy, EDTA Blood, CSF, ETA, LVS, Mouth, Penis, PF, Tissue
HHV6PCR	HHV 6 PCR (Human herpesvirus 6 PCR)	MRI	EDTA Blood, CSF
HHV67	HHV 6/7 PCR (Human herpesvirus 6 & 7 PCR)	MRI	EDTA Blood, CSF
HHV7PCR	HHV 7 PCR (Human herpesvirus 7 PCR)	MRI	EDTA Blood, CSF
HIVPRO	HIV PCR – Proviral DNA	Colindale, CSU	EDTA Blood, CSF

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Mnemonic	Name in Order Entry	Referral Lab	Sample type
HIVVL	HIV PCR – Viral load	LCL	EDTA Blood, CSF
HIVRT	HIV Resistance testing	LCL	EDTA Blood, CSF
HIVTROP	HIV tropism determination	LCL	EDTA Blood, CSF
HPVPCR	Human papillomavirus PCR	MRI	See Clinical Details
JCPCR	JC virus PCR	LCL	CSF
LEISHPCR	Leishmania PCR	LSTM	Bone marrow, Impression smears, Biopsy, EDTA blood
MEASPCR	Measles PCR	MRI	CSF, Throat swab, Urine
NMPNPCR	Meningococcal / Pneumococcal PCR	MRI	CSF, EDTA Blood, Pericardial fluid, Pleural fluid, Tissue
MUMPSPCR	Mumps PCR	Colindale, IDU	CSF, Throat swab, Urine, saliva
MYCPCR	Mycoplasma PCR	Colindale, RVPBRU	CSF, ET aspirate, HVS, Rectum, Throat, Tissue
PARVOPCR	Parvovirus PCR	LCL	EDTA Blood
PCPPCR	Pneumocystis jirovecii PCR	LCL	BAL, Sputum
TBPCR	Mycobacteria PCR	LTHT	BAL, Cervical lymph node, CSF, Lymph nodes (other), Neck, Sputum, Tissue, Urine
RENALBLDPCR	Renal PCR – Adeno, EBV, CMV, BK	LCL	EDTA Blood
TOXOPCR	Toxoplasma PCR	MRI	EDTA Blood, Tissue
UREAPCR	Ureaplasma PCR	Colindale, RVPBRU	ET aspirate, Tissue
VZPCR	Varicella zoster PCR	LCL	CSF, EDTA blood
VIRALBLDPCR	Viral blood PCR- Adeno, EBV, CMV	LCL	EDTA Blood, Bone marrow, Pericardial fluid
VIRALEYE	Viral eye PCR – HSV, VZ, Adeno	LCL	Viral swab of eye
VIRALFAEC	Viral faeces screen	LCL	Faeces, Ileostomy/Colostomy fluid
VIRALFLUID	Vesicle fluid – HSV, VZ, Entero	LCL	Mouth swab, Urethral swab, Vesicle fluid
WHIPPLEPCR	Whipple's PCR (LAB ORDER ONLY)	Leeds, MDF	Tissue

Referred isolates

Test Name	Referred to	Sample requirements	PHE Request form
Mould ID and sensitivities	Mycology Reference lab, Wythenshaw	Sab Slope of organism	
Antibiotic resistance testing/confirmation of ID	ARMHAI, Colindale	Slope of organism	H1 (Multiple), H2 (single)
<i>Bordetella pertussis</i> / <i>parapertussis</i> serotyping or sensitivities	Identification to RVPBRU Sensitivity testing to AMRHAI, Colindale	Charcoal swab of organism	R3
<i>Burkholderia cepacia</i> culture for genomovar typing	ARMHAI, Colindale	Nutrient agar slope of organism	H1 (Multiple), H2 (single)
Confirmation of ova, cysts or parasites	LSTM	Faeces	
<i>Haemophilus</i> serotyping	RVPBRU Colindale	Chocolate agar slope of organism	R3
Isolate identification (Gram Neg non fermenters)	ARMHAI, Colindale	Slope of organism	M1
<i>Meningococcal</i> serotyping	PCR Lab, MRI	Chocolate agar slope of organism	
<i>Mycobacterium</i> species	NMRS, Birmingham	L-J slope of organism	
<i>Salmonella</i> ID and typing	GBRU, Colindale	Nutrient agar slope of organism	L4
Schistosomes in urine (viable and non -viable)	LSTM	Urine	
<i>Staphylococcal</i> / <i>Pseudomonas</i> typing	ARMHAI, Colindale	Nutrient agar slope of organism	H1 (Multiple), H2 (single)
<i>Shigella</i> sp. For serotyping (NOT <i>Sh. sonnei</i>)	GBRU, Colindale	Nutrient agar slope of organism	L4
<i>Streptococcus pneumoniae/pyogenes/agalactiae</i> serotyping	RVPBRU, Colindale	Chocolate agar slope of organism	R3
TB Culture from blood	Bacteriology RLUH	5ml Heparin blood	
<i>Vibrio Cholera</i> for serotyping	GBRU, Colindale	Nutrient agar slope of organism	L4
<i>Yersinia enterocolitica</i> for serotyping	GBRU, Colindale	Nutrient agar slope of organism	L4

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VITROME	Aix-Marseille Université, IRDIHU - Méditerranée Infection, 19-21 Bd Jean Moulin, 13005 Marseille, France	+33 (0)413 732 401
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