


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p>Accredited to ISO 15189:2012</p>	<b>Blackpool Teaching Hospitals NHS Foundation Trust</b>	
	<b>Issue No: 006    Issue date: 06 March 2020</b>	
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<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Human samples including swabs, fluids, aspirates, pus, line tips, tissues as specified	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>  <u>General Bacteriology</u>  Examination activities for the purposes of clinical diagnosis	In-house documented procedures based on PHE SMIs
Specimens from wounds, eyes, ears, nose, throat, mouth, ulcers, pus, tissue, genital sites, joint fluids and heart valves	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOPs MG001_03, MG-002_03 & SOP MG010_03
Urine	Quantification of white and red blood cells, bacteria and epithelial cells yeasts and casts.  General isolation, characterisation and sensitivity testing of micro-organisms of clinical significance	Manual microscopy using SOP MG003_03 and inverted microscopy  Manual culture using SOP MG003_03
CSF	Quantification of white and red blood cells and bacteria  General isolation and characterisation of micro-organisms of clinical significance	Manual microscopy and culture using SOP MG004_03
Respiratory specimens (sputum, respiratory secretions, aspirates, pleural fluids, ascitic fluids, lymph nodes, tissues and pus)	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOP MG005_03



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Nail Clippings, Skin Scrapings, Hair	<u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures based on PHE SMIs
	<u>General Bacteriology</u> (cont'd) General isolation and characterisation of fungi of clinical significance	Manual culture using SOP MG006_03
Bacterial and yeast cultures isolated in-house	General identification of micro-organisms of clinical significance	General API standardised or biochemical kit-based identification methods
Blood	Detection of microbial growth and general isolation and characterisation of micro-organisms of clinical significance	SOP MG007_03 in conjunction with manufacturer's instructions for BacTALERT 3D automated system
Faeces	General isolation and characterisation of <i>Salmonella</i> , <i>Shigella</i> , <i>Campylobacter</i> & <i>E. coli</i> 0157, <i>Vibrio</i> sp. and <i>Aeromonas</i> sp.	Manual culture using selective agar and SOP MG008_003
	Detection of Rotavirus	SOP MI041_03 in conjunction with manufacturer's instructions using ImmunoCard STAT Rotavirus
	Detection of <i>Clostridium difficile</i> GDH antigen and toxins A & B	SOP MI030_03 in conjunction with manufacturer's instructions using <i>C. difficile</i> Quik Chek Complete
Swabs, tissues and fluids including, nose, perineum and wound sites	Isolation of MSSA & MRSA	Manual culture on chromogenic agar using SOP MG009_03
Swabs, fluids, tissue and faeces	Isolation of Carbapenemase producing bacteria	Manual culture on chromogenic agar and ertapenem disc using SOP MG017_02
Corneal scrapings / biopsy, contact lens and contact lens fluid	General isolation and characterisation of micro-organisms of clinical significance including Acanthamoebae	In-house developed manual culture method using SOP MI018-10
Respiratory specimens (sputum, respiratory secretions, aspirates, pleural fluids, ascitic fluids, lymph nodes, tissues and pus)	Detection of Acid-Fast Bacilli	SOPs MI022_03, MI023_03 & MI025_03 by manual microscopy using ProLab Acid Fast stains



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Nail Clippings, Skin Scrapings, Hair	<p><u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Mycology</u></p> <p>Examination activities for the purposes of clinical diagnosis</p> <p>General isolation and characterisation of fungi of clinical significance</p>	Manual microscopy and culture using SOP MG006_03
Faeces, clear adhesive tape slides	<p><u>Parasitology</u></p> <p>Examination activities for the purposes of clinical diagnosis</p> <p>Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance</p>	<p>In-house documented procedures based on PHE SMIs</p> <p>SOPs MI045_03 by manual microscopy and/or concentration using ParaSep system</p>
Read Genital swabs	Examination for presence and detection of <i>Trichomonas vaginalis</i>	MI031_03 using ProLab Trichomonas stains



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Serum (unless stated)	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	
	<u>Viral Serology</u>	
Urine	Examination activities for the purposes of clinical diagnosis	In house documented procedures based on and in conjunction with manufacturer's instructions
	Detection of Antistreptolysin O antibody	SOP MV008 by latex agglutination using Biokit Rheumajet
	Detection of EBV IgM	SOP MV065 by LFD using Clearview kit
	Detection of <i>Legionella pneumophila</i> serotype 1 antigen	SOP MI102_15 and MI101_15 using Binax Now rapid cards
	Detection of <i>Streptococcus pneumoniae</i> antigen	
	Detection of Syphilis antibody	SOPs MV016 & MV017 using RPR and TPPA
	Detection of Cytomegalovirus IgM	SOP MV023 in conjunction with manufacturer's instructions using Biomerieux Vidas
	Detection of Hepatitis A IgG total	
	Detection of Hepatitis B core IgM, core total antibody, e antibodies, e antigen, surface antigen	
	Detection of Hepatitis C anti HCV antibody	
Detection of HIV 1 & 2 antibody and p24 antigen		
Detection of Measles IgG		
Detection of Mumps IgG		
Detection of Rubella IgM		



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Serum	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>  <u>Viral Serology (cont.)</u>  Detection of Toxoplasma IgM & IgG  Detection of Varicella IgG	SOP MV023 in conjunction with manufacturer's instructions using Biomerieux Vidas  Viral serology using the Abbott Architect SOP MV100
	Syphilis antibody IgG/M Cytomegalovirus IgM Cytomegalovirus IgG Hepatitis A IgG Hepatitis A IgM Hepatitis B core total antibody Hepatitis B surface antigen Hepatitis C antibody HIV 1 & 2 antibody and p24 antigen Hepatitis B surface antibody Rubella IgG	SOP MV106 SOP MV112 SOP MV113 SOP MV115 SOP MV114 SOP MV105 SOP MV101 SOP MV103 SOP MV102 SOP MV104 SOP MV107
Endocervical and vaginal swabs, urines	<u>Molecular Biology</u>  Examination activities for the purposes of clinical diagnosis  Detection of Chlamydia trachomatis and Neisseria gonorrhoea DNA	In house documented procedures based on and in conjunction with manufacturer's instructions  SOP MV076 by Polymerase Chain Reaction using Roche Cobas 4800
Ano-genital swabs	Detection of Herpes Simplex Virus DNA	
Serum /Plasma	HIV and HCV viral loads	PCR and Cobas 4800 using Cobas HIV-1 kit SOP MV117 and SOP MV118



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CSF	<p><u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p><u>Molecular Biology</u> (cont.)</p> <p>Bacterial viral and yeast targets associated with CNS infections (Meningitis/Encephalitis) ME Panel detects the following:</p> <p>Bacterial Targets:</p> <ul style="list-style-type: none"> <li>• <i>Escherichia coli</i> K1</li> <li>• <i>Haemophilus influenzae</i></li> <li>• <i>Listeria monocytogenes</i></li> <li>• <i>Neisseria meningitidis</i> (encapsulated)</li> <li>• <i>Streptococcus agalactiae</i></li> <li>• <i>Streptococcus pneumoniae</i></li> </ul> <p>Viral targets:</p> <ul style="list-style-type: none"> <li>• Cytomegalovirus</li> <li>• Enterovirus</li> <li>• Herpes simplex virus 1</li> <li>• Herpes simplex virus 2</li> <li>• Human herpesvirus 6</li> <li>• Human parechovirus</li> <li>• Varicella zoster virus</li> </ul>	<p>Biofire FilmArray using the Meningitis/Encephalitis (ME) Panel SOPs MV098 and MV097</p>
END		