


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL 8660</p> <p>Accredited to ISO 15189:2022</p>	<h3>Portsmouth Hospitals University NHS Trust</h3> <p>Issue No: 007 Issue date: 02 January 2025</p>	
	<p><b>Microbiology Department</b> Pathology Building Queen Alexandra Hospital Portsmouth PO6 3LY United Kingdom</p>	<p><b>Contact: Alex Walster - Pathology Quality Risk and Governance Manager</b> Tel: +44 (0)23 92286784 E-Mail: <a href="mailto:Alexander.Walster@porthosp.nhs.uk">Alexander.Walster@porthosp.nhs.uk</a> Website: <a href="http://www.porthosp.nhs.uk/">www.porthosp.nhs.uk/</a></p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN TISSUES and FLUIDS</p> <p>Wound swab Eye swab Nose swab Throat swab Ear swab Respiratory samples CSF Genital swabs – LVS, HVS, cervical</p> <p>Vitrous fluids Tissue samples Sterile fluids</p> <p>Bile CAPD fluid</p> <p>Faeces</p>	<p><u>Microbiological examination activities for the purpose of clinical diagnosis</u></p> <p>Isolation of microorganisms of clinical significance</p> <p>Isolation of bacterial enteric pathogens including: <i>Salmonella</i> sp. <i>Shigella</i> spp. <i>Vibrio</i> spp. <i>Escherichia coli</i> O157 Vancomycin Resistant Enterococci (VRE) <i>Yersinia</i> spp. <i>Plesiomonas shigelloides</i></p>	<p>In-house documented procedures as referenced and based on UKHSA Standards for Microbiology Investigations (SMIs) and manufacturer's instructions as appropriate</p> <p>Manual inoculation and culture using in-house procedures listed below: LP-MIC-SKISUPWOU LP-MIC-EYE LP-MIC-NOSE LP-MIC-THROAT LP-MIC-EAR LP-MIC-BALSPUT LP-MIC-CSF LP-MIC-GENTRACT LP-MIC-STAINMETH LP-MIC-INTOCCORN LP-MIC-TISSBIOP LP-MIC-STERFLU LP-MIC-PROSJOINT LP-MIC-BILE LP-MIC-CAPD</p> <p>Manual culture onto selective agar LP-MIC-FAEBACT</p>



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HUMAN TISSUES and FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures as referenced and based on UKHSA Standards for Microbiology Investigations (SMIs) and manufacturer's instructions as appropriate
Swabs in Bacterial Transport Media Urine Faeces	Detection of MRSA, VRE, CPE	Direct culture, using chromogenic agar, for the isolation and preliminary identification of pre-determined target bacteria LP-MIC-MRSA LP-MIC ResOrgScreen.
Urine	Isolation of microorganisms of clinical significance	Multipoint inoculation onto Mast Urine Set LP-MIC-URINE CULT
Urine	Detection and enumeration of: White Blood Cells Red Blood Cells Epithelial Cells Crystals Casts Yeasts Parasites	Automated: SediMax Urine Microscopy Analyser LP-MIC-URINE MICRO  Manual : Direct Inverted Microscopy LP-MIC-URINE MICRO
Blood	Isolation of clinically significant bacteria and fungi	Automated culture and isolation using: bioMerieux BacT/ALERT VIRTUO system LP-MIC-BLOCUL LP-MIC- STAINMETH
Blood culture fluid	Isolation of clinically significant bacteria and fungi	Secondary culture for analysis using bioMerieux BacT/ALERT VIRTUO system LP-MIC-BLOCUL
CSF	Detection of bacteria and yeasts	Microscopy Direct Gram Stained LP-MIC-CSF LP-MIC-STAINMETH
CSF Cerebro spinal shunt fluid	Enumeration / differentiation of: white and red blood cells	Microscope. Direct cell count LP-MIC-CSF



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BAL Tissue biopsy Pleural fluid Pericardial fluid Tissues	Detection / enumeration of bacteria, yeasts and white blood cells	Direct Gram Stained microscopy LP-MIC-STAINMETH LP-MIC-INTOCCORN
Joint aspirates Ascitic fluid Corneal scrape	Detection of white blood cells, bacteria and yeasts	Direct Gram Stained microscopy LP-MIC-STAINMETH LP-MIC-INTOCCORN
Aqueous fluid Bile CAPD fluid	Detection / enumeration / differentiation of white and red blood cells	Direct wet preparation microscopy LP-MIC-STERFLU LP-MIC-CAPD
Swabs from genital sites	<i>Trichomonas vaginalis</i> Clue Cells	Direct stained preparation microscopy LP-MIC-GENTRACT LP-MIC-STAINMETH
Bacterial & fungal isolates cultured in-house from the above	Identification/ Biological classification of microorganisms of clinical significance	Automated identification using: Bruker Daltonics – Microflex LT MALDI-TOF LP-MIC-MALDI-TOF  Identification using manual biochemical methods LP-MIC-AGGLUT LP-MIC-Biochemtests
Bacterial & fungal isolates cultured in-house from the above	Antibiotic/antifungal susceptibility testing	EUCAST Disc Diffusion Method E-test Minimum Inhibitory Concentration determination LP-MIC-SUSCTET
BAL NBL NPA	Detection of acid fast bacilli.	Microscope (UV) and Auramine Stain LP-MIC-STAINMETH



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CSF	Acid fast bacilli	Direct Auramine Stain and UV Microscopy LP-MIC-CSF LP-MIC-STAINMETH
Sputum BAL NBL Tissues Sterile fluids	<i>Mycobacteria spp.</i>	BacT/ALERT MB Liquid Culture System LP-MIC-MYCOCULT
Centrifuged deposit from liquid culture	Confirmation of <i>Mycobacterium spp</i>	Secondary Ziehl-Neelson stained microscopy LP-MIC-STAINMETH
Faeces	Pathogenic parasites, cysts and ova	Microscopy LP-MIC-NONBLOPAR
Faeces	Identification of: Verotoxin producing <i>E.coli</i> <i>Salmonella spp</i> <i>Shigella spp</i> <i>Vibrio spp</i> <i>Yersinia spp</i>	Automated identification using: Bruker Daltonics – Microflex LT MALDI-TOF LP-MIC-FAEBACT TI-MIC-API20E LP-MIC-MALDI-TOF
Faeces	Limited Serological Identification of: Verotoxin producing <i>E.coli</i> <i>Salmonella spp</i> <i>Shigella spp</i> <i>Vibro cholerae</i>	Glass slides, 0.85% Saline and commercial Anti-sera LP-MIC-AGGLUT
Faeces	<i>Helicobacter pylori</i> antigen	Dynex DS2 ELISA using IDEIA HpSTAR Assay and EIA LP-MIC-DS2 LP-MIC-DS2Hp
Faeces	<i>C. difficile</i> GDH & <i>C. difficile</i> toxin	Alere Dynex DS2 Analyser using TechLab C.diff Chek Kit and EIA LP-MIC-DS2 LP-MIC-DS2GDH



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Urine	<i>Streptococcus pneumoniae</i>	Rapid Immunochromatographic assay kit: BinaxNOW Streptococcus pneumoniae LP-MIC-URANTIGEN
Urine	<i>Legionella pneumophila</i>	Rapid Immunochromatographic assay kit: BinaxNOW Legionella LP-MIC-URANTIGEN
Nail Skin Hair	Isolation of clinically significant fungi	Manual inoculation and culture LP-MIC-MYCOLOGY
Nail Skin Hair	Detection and presumptive identification of fungi of clinical significance	Microscope (UV) and Calcofluor White staining. LP-MIC-MYCOLOGY LP-MIC-STAIN METH



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HUMAN BODY FLUIDS and TISSUES	<u>Virology examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures as referenced and based on UKHSA Standards for Microbiology Investigations (SMIs) and manufacturer's instructions as appropriate
		Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy (IDPS) screening programme(s) as defined in the Laboratory QA evidence requirements (relevant tests marked with *)
	Detection of:	Automated serological testing using Abbot Architect i2000SR & EIA LP-MIC-ARCHITECT
Serum	Hepatitis A IgG antibodies	Kit: HAVAb-IgG LP-MIC-ARCHHepatitis
Serum	Hepatitis A IgM antibodies	Kit: HAVAb-IgM LP-MIC-ARCHHepatitis
Serum	Hepatitis B core antibodies	Kit: Anti-HBc II LP-MIC-ARCHHepatitis
Serum	Hepatitis B core IgM antibodies	Kit: Anti-HBc IgM LP-MIC-ARCHHepatitis
Serum	Hepatitis B surface antigen *	Kit: HBsAg Qual II LP-MIC-ARCHHepatitis
Serum	Hepatitis B surface antibodies *	Kit: Anti-HBs LP-MIC-ARCHHepatitis
Serum	Hepatitis B e antigen	Kit: HBeAg LP-MIC-ARCHHepatitis
Serum	Hepatitis C antibodies	Kit: Anti-HCV LP-MIC-ARCHHepatitis
Serum	CMV IgG antibodies	Kit: CMV IgG LP- MICARCHCMVEBVEBVRUBSyph



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	Detection of antigen / antibodies to:	Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy (IDPS) screening programme(s) as defined in the Laboratory QC evidence requirements (relevant tests marked with *)
Serum	CMV IgM antibodies	Automated serological testing using Abbot Architect i2000SR & EIA LP-MIC-ARCHITECT Kit: CMV IgM LP-MICARCHCMVEBVEBVRUBSyph
Serum	EBV EBNA IgG antibodies	Kit: EBV EBNA-1 IgG LP-MICARCHCMVEBVEBVRUBSyph
Serum	EBV VCA IgG	Kit: EBV VCA IgG LP-MICARCHCMVEBVEBVRUBSyph
Serum	EBV VCA IgM antibodies	Kit: EBV VCA IgM LP-MICARCHCMVEBVEBVRUBSyph
Serum	HIV 1 / 2 * antigen / antibodies	Kit: HIV Ag/Ab Combo LP-MIC-ARCHHIVHTLV
Serum	HTLV-I/II antibodies	Kit: rHTLV-I/II LP-MIC LP-MIC-ARCHHIVHTLV
Serum	Rubella IgG antibodies	Kit: Rubella IgG LP-MICARCHCMVEBVEBVRUBSyph



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		Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy (IDPS) screening programme(s) as defined in the Laboratory QC evidence requirements (relevant tests marked with *)
Serum	Detection of antigen / antibodies to:  Rubella IgM antibodies	Automated serological testing using Abbot Architect i2000SR & EIA LP-MIC-ARCHITECT  Kit: Rubella IgM LP-MICARCHCMVEBVEBVRUBSyph
Serum	Syphilis TP * antibodies	Kit: Syphilis TP LP-MICARCHCMVEBVEBVRUBSyph
	Detection of antigen / antibodies to:	Automated serological testing using bioMerieux Vidas & EIA LP-MIC-VIDAS
Serum	Hepatitis B core antibodies	Kit: VIDAS HBCT
Serum	Hepatitis B surface antigen *	Kit: VIDAS HBS
Serum	Hepatitis sAg * antibodies	Kit: VIDAS HBS
Serum	Hepatitis C antibodies	Kit: VIDAS HCV
Serum	CMV IgG antibodies	Kit: VIDAS CMVG
Serum	Helicobacter pylori IgG antibodies	Kit: VIDAS HPY
Serum	Borrelia burgdorferi IgG antibodies	Kit: VIDAS LYG
Serum	Measles IgG antibodies	Kit: VIDAS MSG





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		Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy (IDPS) screening programme(s) as defined in the Laboratory QC evidence requirements (relevant tests marked with *)	
		Detection of antigen / antibodies to:	
	Serum	Mumps IgG antibodies	Automated serological testing using bioMerieux Vidas & EIA LP-MIC-VIDAS Kit: VIDAS MPG
	Serum	Toxoplasma Total antibodies	Kit: VIDAS TXC
	Serum	Toxoplasma IgM antibodies	Kit: VIDAS TXM
	Serum	Varicella Zoster IgG antibodies	Kit: VIDAS VZG
	Serum	HIV 1 / 2* antigen / antibodies	Kit: VIDAS HIV6
		Manual Detection of antibodies to:	Manual Serological methods using the procedures below:
	Serum	Anti-Streptolysin O (ASO)	Biokit – Rheumajet ASO & Particle Agglutination SOP: LP-MIC-ASO
Serum	HIV 1/2 Typing	BioRad Geenius HIV 1/2 Confirmatory Assay & Immunochromatography SOP: LP-MIC-HIC1/2Conf	



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HUMAN BODY FLUIDS and TISSUES (cont'd)	<u>Molecular microbiological examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures as referenced and based on UKHSA Standards for Microbiology Investigations (SMIs) and manufacturer's instructions as appropriate
Blood	Detection of: BK Virus CMV EBV	Qiagen QIA Symphony / Rotor-GeneQ 5plex HRM LP-MIC-QIA Symphony LP-MIC-RotorGene LP-MIC-ArtusQuant
Faeces	Detection of: <i>C. difficile</i> Toxin Gene	Cepheid GeneXpert & Real Time Polymerase Chain Reaction LP-MIC-GeneXpert LP-MIC-CDIFFTOXINPCR
BAL NBL Sputum	Detection of: Mycobacterium tuberculosis complex (MTB)	Cepheid GeneXpert & Real Time Polymerase Chain Reaction LP-MIC-GeneXpert LP-MIC-XpertMTB/RIF
Urine Cervical swabs Genital swabs	Detection of: <i>Chlamydia trachomatis</i> <i>Neisseria gonorrhoeae</i>	Hologic Panther. Transcription Mediated Amplification LP-MIC-PANTHER
END		