


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>	University Hospitals Dorset NHS Foundation Trust	
	Issue No: 005 Issue date: 13 May 2022	
	Department of Microbiology Poole Hospital Longfleet Road Poole Dorset BH15 2JB	Contact: Sharon Wood Tel: +44 (0) 300 019 2848 E-Mail: sharon.wood@uhd.nhs.uk Website: www.uhd.nhs.uk
Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN TISSUES AND FLUIDS Tissues and biopsies, fluids from normally sterile sites, mortuary samples Swabs (nasal, pernasal/nasopharyngeal, cough, throat, mouth, eye, ear, genital, wound, superficial wounds and skin, neonatal) Intravascular cannulae	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> General isolation of microorganisms of clinical significance General isolation of microorganisms of clinical significance	In-house documented procedures and incorporating relevant manufacturers' instructions Manual inoculation and culture using in-house procedures: MB-BS-17 Investigation of tissues and biopsies, MB-BS-15 Investigation of bile MB-BS-26 Investigation of sterile fluids Manual inoculation and culture using in-house procedures: MB-BS-14 Investigation of abscesses and deep wound swabs MB-BS-01 Examination of ear swabs MB-BS-02 Examination of eye swabs and canalicular pus, MB-BS-04 Investigation of mouth swabs MB-BS-05 Examination of nose swabs MB-BS-06 Isolation of Bordetella species MB-BS-09 Examination of throat swabs MB-BS-23 Neonatal screening swabs MB-BS-51 Screening for meningococci MB-BS-54 Media inoculation MB-BS-28 Investigation of genital tract and associated specimens MB-BS-20 Investigation of Intravascular cannulae and associated specimens



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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 and incorporating relevant manufacturers' instructions
Sputum, bronchoalveolar lavage	General isolation of microorganisms of clinical significance	Manual inoculation and culture using in-house procedures: MB-BS-57 Investigation of sputa, bronchoalveolar lavage and associated specimens, MB-BS-47 Legionella species
Urine	General isolation of microorganisms of clinical significance	Manual inoculation and culture using in-house procedures: MB-BS-41 Investigation of urines
Urine	Detection of red cells, white cells and epithelial cells	iQ200/IRIS analyser for automated analysis of urine using MB-BS-63 and MB-BS-41 Investigation of urines
CSF	General isolation of microorganisms of clinical significance	Manual inoculation and culture using in-house procedures: MB-BS-27 Investigation of CSF
CSF	Cell differential count	Gram stain and differential staining followed by microscopy MB-BS-27 Investigation of CSF, MB-TS-51 Use of cell counting chambers
Blood and joint fluids	Bacterial growth detection of pathogenic organisms and isolation of microorganisms of clinical significance	Automated liquid culture using: BacTec FX blood culture system MB-BS-37 Examination of blood cultures, MB-BS-61 Bacterial culture of whole blood bags MB-EQ-01 BACTEC™ FX automated blood culture
Continuous ambulatory peritoneal dialysis (CAPD) fluid	Detection of White blood cells (WBCs) and microorganisms, bacterial and fungal microbes	MB-BS-25 Microscopy (stained and unstained and Culture Investigation of CAPD MB-TS-51 Use of cell counting chambers



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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 and incorporating relevant manufacturers' instructions
Sputum, bronchoalveolar samples (BAL), fluids	Identification of Mycobacterium species	MB-BS-40 Microscopy and culture Investigation of specimens for Mycobacterium species MB-ED-3 BACTEC MGIT 960 system user manual
Heat fixed smears prepared from samples above	Detection of Acid Fast Bacilli	MB-BS-40 Microscopy and culture Investigation of specimens for Mycobacterium species Auramine phenol staining and fluorescent microscopy Ziehl-Neelsen staining and light microscopy
Screening samples: Nasal, Throat, Perineum, Groin, Axillae, Rectal, Wound swabs, CSU, Urine	MRSA screening and Isolation of MRSA	Manual culture and manual chromogenic culture MB-BS-29 Investigation of MRSA screening specimens
Faeces	Detection of <i>Clostridioides difficile</i> toxin	Alere Lateral flow quick check MB-BS-10 Detection of Cl.difficile toxin in faeces
Faeces	Isolation and characterisation of enteric bacterial pathogens including parasites	Manual culture, staining & microscopy MB-BS-30 Investigation of faeces for bacterial pathogens MB-BS-31 Investigation for parasites for specimens other than blood
Faeces	Detection of Rota/Adenovirus antigen	Lateral flow Immunochromatographic technique MB-TS-47 Rotavirus/ Adenovirus in faeces



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Cultured isolates	Preliminary identification and automated identification of medically important bacteria	Manual and/or automated biochemical methods using: BS-62 BD Phoenix Matrix-assisted laser desorption/ionisation using: MB-BS-69 MALDI-TOF MS using Bruker MalDI-ToF
HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures and incorporating relevant manufacturers' instructions
Bacterial isolates	Antimicrobial susceptibility testing (AST)	Antimicrobial susceptibility testing of micro-organisms using EUCAST disc sensitivity testing, automated system (Phoenix) and gradient strips MB-BS-45 EUCAST Susceptibility Testing MB-BS-62 Antimicrobial susceptibility testing : Phoenix automated system MB-TS-41 Use of E-test
Hair, Nail, Skin, Sputum, BAL, CSF, Tissues	Examination and general isolation and characterisation of fungal organisms of clinical significance	Manual inoculation, media culture, and macroscopic & microscopic examination (stained & unstained) using: MB-BS-39 Investigation of dermatological specimens for superficial mycoses, Calcofluor white
	<u>Serological examination activities for the purpose of clinical diagnosis</u>	In-house documented methods following manufacturer's instructions
		Documented in-house methods to meet the requirements of the IDPS programme as defined in the current version of 'NHS Infectious Diseases in Pregnancy Screening Programme: laboratory quality assurance evidence requirements
Serum	Detection of: Hepatitis B serology – includes HBsAg, anti-HBc, anti-HBs, anti HBe and HBeAg HIV 1&2 antibody/p24	Abbott Architect i2000SR Automated immunoassay MV-VA-24 MV-VA-08



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	Syphilis (combined IgG/IgM)	MV-VA-09
HUMAN TISSUES AND FLUIDS (cont'd)	<u>Serological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented methods following manufacturer's instructions
Serum	Detection of: Rubella IgM Rubella IgG Hepatitis A IgM Hepatitis A IgG Hepatitis C antibody CMV IgG Toxoplasma IgG	Abbott Architect i2000SR Automated immunoassay MV-EQ-2 MV-VA-27 MV-VA-27 MV-VA-23 MV-VA-23 MV-VA-22 MV-VA-25 MV-VA-26
Serum	Detection of: CMV IgM EBV VCA IgM and IgG Parvovirus IgM and IgG Lyme's IgG Measles IgG Varicella zoster IgG	Diasorin Liaison XL Automated chemiluminescence MV-VA-25 - CMV MV-VA-07 - EBV MV-VA-17 - parvovirus MV-VA-20 - Lyme MV-VA-19 – Measles and VZV MV-EQ-9 – Equipment SOP
Serum, whole blood, plasma	HIV 1 & 2 antibody confirmation	Immunochromatic assay for antibodies to HIV 1 & 2 using BioRad MV-VA- 08 HIV antibody confirmation Genie™ Fast HIV 1/2 Assay
Serum	Detection of RPR	Biokit reditest RPR for detection of reagin in serum MV-VA-09 syphilis RPR test
Serum	Detection of Rheumatoid factor	Latex agglutination using Biokit Rheumajet RF kit MV-VA- 13 RF factor



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Nasopharyngeal Aspirates	Detection of RSV	Binax NOW RSV by Alere lateral flow device, MV-LA-07 Rapid RSV laminate MV-VA-14 SOP for rapid testing of respiratory samples for RSV
Urine	Detection of Pneumococcal antigen	Binax Now kit by Alere Lateral flow device MB-ED-12 BinaxNOW Streptococcus pneumoniae full guide MB-ED-13 BinaxNOW Streptococcus pneumoniae quick guide
HUMAN TISSUES AND FLUIDS (cont'd)	<u>Serological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented methods following manufacturer's instructions
Urine	Legionella pneumophila serotype 1 antigen	Binax Now kit by Alere Lateral flow MB-BS-47 Investigation of specimens for Legionella species, MB-ED-10 BinaxNOW Legionella full guide, MB-ED-11 BinaxNOW Legionella quick reference guide
	<u>Molecular diagnostic examination activities for the purpose of clinical diagnosis</u>	In-house documented methods following manufacturer's instructions
Swabs, blood culture samples, isolates	Detection of MRSA	PCR using Cepheid GeneXpert MB-TS-52
Swabs, urines	Detection of: Chlamydia trachomatis Neisseria gonorrhoeae	PCR using Cepheid GeneXpert MB-TS-52
Faeces	Detection of Norovirus	PCR using Cepheid GeneXpert MB-TS-52
Urines and genital swabs, screening samples from national screening programme	Detection of: Chlamydia trachomatis Neisseria gonorrhoeae Herpes simplex virus 1 & 2	BD VIPER Fully automated, high throughput analyser using molecular technology MV-VA-01

END