


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8873</p> <p>Accredited to ISO 15189:2012</p>	<h3>Worcestershire Acute Hospitals NHS Trust</h3> <p>Issue No: 007 Issue date: 14 February 2022</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS AND TISSUES</p> <p>Aspirates Cellular and fluid material contained on swabs, cannulae, Corneal scrapes, contact lenses and contact lens fluid Faeces Fluids Genital samples Pus Samples from sterile sites Semen Tissues</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis</u></p> <p>General isolation of micro-organisms of clinical significance</p>	<p>In house documented methods based on related UK Standards for Microbiology Investigations (PHE SMIs):</p> <p>Manual or automated) inoculation followed by culture using SOPs: WI-U-MIC-Gramstain LP-U-MIC-Abscess LP-U-MIC-Bordetella LP-U-MIC-EarSwabs LP-U-MIC-EyeSwabs LP-U-MIC-FaecProc LP-U-MIC-Genitals LP-U-MIC-Nasal Specimens LP-U-MIC-OsteoTissue LP-U-MIC-ProstJointsProc LP-U-MIC-Routinespits LP-U-MIC-Sterilefluids LP-U-MIC-SupWounds LP-U-MIC-ThroatSwabs LP-U-MIC-Tips (intravascular cannulae) LP-U-MIC-TissBiopsy LP-U-MIC-IntraOcularandCornealsamples</p>
<p>Urine</p>	<p>General isolation of micro-organisms of clinical significance</p>	<p>Mast Uri-system LP-U-MIC-MASTUriProcedure LP-U-MIC-Urine</p>
<p>Whole blood</p>	<p>General isolation of micro-organisms of clinical significance</p>	<p>Automated culture using BacTalert and; LP-U-MIC-BCPos LP-U-MIC-BactalertProc</p>



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods based on related UK Standards for Microbiology Investigations (PHE SMIs):
Urine	Quantification of white and red blood cells, bacteria, yeast, and epithelial cells, detection of casts	Automated urine analysis using Sedimax CON Trust: LP-U-MIC-Sedimax
Urine	Qualitative detection of Legionella pneumophila serogroup 1 antigen	Alere BinaxNOW® by lateral flow immunoassay LP-U-MIC-LegionellaUrineAg
Cerebral fluid samples	Quantification of white and red blood cells and bacteria	Microscopy (inc. Gram stain) using SOP: LP-U-MIC-CSF (CSF)
Swabs	Isolation of MRSA	Manual culture using: LP-U-MIC- MRSACultScreens (MRSA screening swabs)
Respiratory samples Urine CSF	Isolation and presumptive identification of Acid-alcohol fast bacilli (inc. <i>Mycobacterium</i> spp.)	Automated culture and microscopy (screening by fluorescent microscopy using Auramine stain, and ZN light microscopy on automated detection) using BacTalert and; LP-U-MIC-BactalertProc LP-U-MIC-TBculture WI-U-MIC-AuramineTB WI-U-MIC-ZNStain
Skin, Nail	General isolation and characterisation of clinically significant fungi	Manual culture and fluorescent microscopy using calcofluor stain using SOP: LP-U-MIC-Mycology
Cultures isolated in house from the above	Identification of clinically significant bacteria	Automated Matrix-assisted laser desorption/ionisation (MALDITOF) using: LP-U-MIC-VitekMSProc Biochemical profile determination using: SOP- LP-U-MIC-Vitek2Proc
Cultures isolated in house from the above	Identification of Staphylococcal isolates	Prolex staph latex SOP-LP-U-MIC-StaphID



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Cultures isolated in house from the above	Antimicrobial susceptibility testing of clinically significant bacteria	Manual disc diffusion and/or automated (Vitek2) methods using EUCAST methodology: SOP- LP-U-MIC-DiscTestingMethod SOP- LP-U-MIC-Vitek2Proc Gradient MIC determination by E-test LP-U-MIC-Etestprocedure
Cultures isolated in house from the above	Serological identification of groups A, B, C, D, F and G of the Lancefield groups of Streptococci grown on agar plates	Pro-Lab Strep grouping kit SOP-LP-U-MICStrepID
Cultures isolated in house from the above	Detection of <i>Salmonella</i> polyvalent 'O' (PSO) and <i>Salmonella</i> polyvalent 'H' (PSH); <i>Shigella</i> species; <i>Vibrio</i> species.	MAST agglutination using SOP-LP-U-MIC-Sal/ShigID LP-U-MIC-VibriolD
Cultures isolated in house from the above	Identification of <i>E. coli</i> O157	<i>E.col</i> O157 Oxoid Latex Test using: LP-U-MIC-0157ID
Cultures isolated in house from the above	Identification of <i>Campylobacter</i> species and <i>Yersinia</i> species	Light microscopy and Gram stain using: LP-U-MIC-CampID LP-U-MIC-YersID
Faeces	Detection of ova, cysts and parasites (OCP)	Concentration and light microscopic examination using Parasep method: LP-U-MIC-EndoParasiteProc
Faeces	Detection of <i>Cryptosporidium</i> oocysts	Fluorescent microscopy (Auramine stain) using: LP-U-MIC-EndoParasiteProc WI-U-MIC-CryptoStain
Faeces	Detection of <i>C. difficile</i> GDH antigen	Launch/Alere DS2 (EIA): LP-U-MIC-GDHEIA LP-U-MIC-DS2
Faeces	Detection of <i>C. difficile</i> toxin A & B	Launch/Alere DS2 (EIA): LP-U-MIC-CDToxinABEIA



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Faeces	Detection of Rotavirus	Launch/Alere DS2 (EIA): LP-U-MIC-RotavirusEIA
Faeces	Detection of Helicobacter pylori antigen	Launch/Alere DS2 (EIA): LP-U-MIC-HPSAg
Faeces	Detection of <i>C. difficile</i> / (GDH/Toxin A/B)	Automated ELISA using DS2 analyser: LP-U-MIC-GDHEIA LP-U-MIC-CDToxinABEIA
	<u>Serological activities for the purpose of clinical diagnosis</u>	Documented in house methods incorporating manufacturers' instructions Using specified analysers/method
Plasma Serum	EBV Serology	LP-U-MIC-EBVIDASProc
	CMV detection	LP-U-MIC-CMVlgVIDAS LP-U-MIC-CMVlgMVIDAS
	Hepatitis A detection	LP-U-MIC-HepAlgVIDAS LP-U-MIC-HepAlgMVIDAS
	Hepatitis B detection	LP-U-MIC-HBsAgVIDAS LP-U-MIC-HBcAbVIDAS LP-U-MIC-HBsAbVIDAS
	HIV detection and confirmation	LP-U-MIC-HIV12AgABVIDAS and Alere determine LP-U-MIC-HIV1&2Confirmation Manual test
	Mumps Serology	LP-U-MIC-MumpsIgVIDAS
	Rubella detection	LP-U-MIC-RubellaIgVIDAS LP-U-MIC-RubellaIgMVIDAS
	Toxoplasma detection	LP-W-MIC-ToxoVIDAS
	Borellia	LP-U-MIC-LymeVIDAS



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Plasma Serum	Measles Serology	EIA using Biomerieux VIDAS3: LP-U-MIC-MeasleslgG
	VZV serology	EIA using Biomerieux VIDAS3: LP-U-MIC-VZVlgGEIA LP-U-MIC-VZVlgVIDAS
	Anti-streptococcal serology	Biokit latex slide method: LP-U-MIC-ASOT LP-U-MIC-ASD
	<u>Molecular examination activities for the purpose of clinical diagnosis</u>	Documented in house methods incorporating manufacturers' instructions where relevant:
Nose swabs	Molecular detection of MRSA	Qualitative real time PCR using Cepheid GeneXpert LP-U-MIC-MRSAPCR Cepheid
Nasal and nasopharyngeal swabs	Molecular detection of Influenza A & B and RSV	Qualitative real time PCR using Cepheid GeneXpert LP-U-MIC-FLUPCR Cepheid
Serum	Molecular detection of HSV	Roche cobas4800 platform and Roche LightCycler 2.0 LP-U-MIC-HSVPCR
Endocervical swabs, vaginal swabs, male/female urine, vulval swabs, urethral swabs	Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> DNA	Roche COBAS4800 Nucleic acid amplification: LP-U-MIC-COBAS4800 and Confirmation using Cepheid GeneXpert LP-U-MIC-CepheidCT&GCPCR



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Faeces	Detection of <i>C. difficile toxin</i> A & B	Confirmation on Cepheid GeneXpert: LP-U-MIC-CDIFFPCR
Faeces	Molecular detection of Norovirus	Qualitative rel time PCR using Cepheid GeneXpertLP-U-MIC-NOROPCR
Plasma	HIV viral load	Roche COBAS4800: LP-U-MIC-COBAS4800HIV
Serum and Plasma	HCV Quantitative	ROCHE COBAS 4800 LP-U-MIC-COBAS4800HCV
CSF	Detection of following organisms Escherichia coli K1, Haemophilus influenzae, Listeria Monocytogenes, Neisseria meningitidis, Streptococcus agalactia (Group B Strep), Streptococcus pneumoniae, Cytomegalovirus (CMV), Enterovirus, Herpes simplex virus 1 (HSV-1), Herpes simplex virus 2 (HSV-2), Human herpesvirus 6 (HHV-6), Human parainfluenza virus, Varicella zoster virus (VZV) , Cryptococcus neoformans/gattii-	Biofire Film array Multiplex PCR system LP-U-MIC-FilmArrayMEPanelProc
Combined nose & throat swabs in VTM	Detection of SARS-CoV-2 virus RNA (COVID-19); specific gene sequences N and E2	Realtime PCR using: Cepheid GeneXpert & Xpert Xpress SARS-CoV-2 kit on GeneXpert DX system
Nasopharyngeal swabs in VTM	Detection of SARS-CoV-2 virus RNA: Specific gene targets of N2 and NSP2	Realtime RT-PCR using: Qiagen NeuMoDx system SOP-LP U MIC NeuMoDx SARS2
END		