


# 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</p> <p>9029</p> <p>Accredited to ISO 15189:2012</p>	<p><b>University Hospitals Dorset NHS Foundation Trust</b></p> <p>Issue No: 003 Issue date: 01 October 2020</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
HUMAN BODY FLUIDS AND TISSUES	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods based on related UK Standards for Microbiology Investigations (SMIs) and manufacturer's operating instructions, where relevant, to support clinical diagnosis
Urine	Detection and quantification of red cells, white cells, bacteria, epithelial cells, urinary casts and yeast cells.	Investigation of urine by microscopy and culture [B-MIC-P-S00001]
Swabs, Tissue, Faeces, Fluids, Respiratory samples	Isolation of bacterial and fungal species of clinical significance	
	Isolation and characterisation of microorganisms of clinical significance.	Manual inoculation and media culture [B-MIC-P-S00002] [B-MIC-P-S00003] [B-MIC-P-S00004] [B-MIC-P-S00005] [B-MIC-P-S00006] [B-MIC-P-S00007] [B-MIC-P-S00008] [B-MIC-P-S00009] [B-MIC-P-S00010] [B-MIC-P-S00011] [B-MIC-P-S00013] [B-MIC-P-S00016] [B-MIC-P-S00017] [B-MIC-P-S00019] [B-MIC-P-S00020] [B-MIC-P-S00021] [B-MIC-P-S00032]



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house methods and manufacturer's operating instructions to support clinical diagnosis
CSF	Isolation and characterisation of microorganisms of clinical significance.	Investigation of cerebrospinal fluids [B-MIC-P-S00018]
CSF	Quantification (inc. differential) of: White blood cells Red blood cells Bacterial cells	Manual microscopy Staining Procedures [B-MIC-P-T00020] Use of Counting Chambers [B-MIC-P00057]
Blood	Culture and detection of microorganisms of clinical significance	BacT/Alert blood culture system [B-MIC-P-S00056] Investigation of blood cultures for organisms other than mycobacteria [B-MIC-P-S00025]
Swabs, Tissue, Fluids, Sputum, Bronchial washings	Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells Yeast cells and fungal hyphae	Gram Stain and microscopic examination Staining Procedures [B-MIC-P-T00020]
Tissue, Fluids, Sputum, Bronchial washings	Presence or absence of Acid Fast Bacilli	Auramine fluorescent stain and microscopic examination Staining Procedures [B-MIC-P-T00020]
Cultured isolates	Identification of micro-organisms	Automated identification using Vitek 2 and manual identification tests Vitek2 XL automated ID & AST system [B-MIC-P-S00055]



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Bacterial isolates cultured in-house</p> <p>Hair, Nail Skin Swabs Sputum BAL Tissue</p> <p>Faeces</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Antimicrobial susceptibility testing (AST)</p> <p>Isolation and identification of dermatophyte fungi</p> <p>Identification/confirmation of parasites</p>	<p>Documented in-house methods and manufacturer's operating instructions to support clinical diagnosis</p> <p>Media culture Manual antimicrobial susceptibility testing using EUCAST methodology Antibiotic disc diffusion and gradient MIC determination and Automated MIC (Vitek 2) Vitek2 XL automated ID &amp; AST system [B-MIC-P-S00055] Susceptibility testing guidance notes [B-MIC-P-G00023]</p> <p>Manual inoculation, media culture, and macroscopic &amp; microscopic examination (stained &amp; unstained) using : Investigation of dermatological specimens for superficial mycoses [B-MIC-P-S00027] Investigation of bronchoalveolar lavage, sputum and associated specimens [B-MIC-P-S00032] Staining using Calcofluor White Staining Procedures [B-MIC-P-T00020]</p> <p>Direct microscopy, concentration using MididParasep and auramine fluorescent staining [B-MIC-S-T0020] PHE BSOP31 Investigation of specimens other than blood for parasites [B-MIC-M-M00056] Investigation of faeces for bacterial pathogens [B-MIC-P-S00021]</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>	Documented in-house methods and manufacturer's operating instructions to support clinical diagnosis
Urine	Detection of Schistosoma haematobium ova	Using phase contrast microscopy [B-MIC-P-S00001] [B-MIC-M-E00003] PHE BSOP31 Investigation of specimens other than blood for parasites [B-MIC-M-M00056]
Faeces	Detection of Clostridium difficile GDH antigen and Toxin A + B	Enzyme immune assay TechLab C. difficile Chek 60 and TechLab C. difficile Tox A/B. Investigation of faeces for Clostridium difficile toxin [B-MIC-P-S00039]
Urine	Detection of Legionella pneumophila serogroup 1 antigen	Lateral Flow EIA Device Manual immunochromatographic assay – Binax Now Legionella urinary antigen [B-MIC-P-S00046]
Urine / CSF	Detection of Pneumococcal soluble antigen	Lateral Flow EIA Device Manual immunochromatographic assay – Binax Now Streptococcus pneumoniae antigen [B-MIC-P-S00046]



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods and manufacturer's operating instructions to support clinical diagnosis
Blood	Determination of HIV viral load & Hepatitis C viral load	Real-time PCR using Cepheid GeneXpert [B-MIC-P-S00053]
Swabs	Detection of MRSA	Real-time PCR using Cepheid GeneXpert [B-MIC-P-S00053]
Respiratory Swabs	Detection of Flu A & B and RSV	Real-time PCR using Cepheid GeneXpert [B-MIC-P-S00053]
Faeces and faecal swabs	Detection of Clostridium difficile	Real-time PCR using Cepheid GeneXpert [B-MIC-P-S00053]
Faeces and faecal swabs	Detection of Norovirus	Real-time PCR using Cepheid GeneXpert [B-MIC-P-S00053]
Nasal & Nasopharyngeal swabs in Viral Transport Medium (VTM)	Detection of SARS-CoV-2 virus RNA (COVID-19) specific nucleic acid targets: N2 and E	Real-time PCR using Cepheid GeneXpert Xpert® Xpress [B-MIC-P-S00073]
Oropharyngeal & Nasopharyngeal swabs in VTM	Detection of SARS-CoV-2 virus RNA (COVID-19) (ORF1ab and N genes)	Real-time PCR using Certest VIASURE SARS-CoV-2 RNA detection kit. PCR using Promega Maxwell® RSC (16) Instrument and Qiagen Rotor-Gene Q amplification analyser [B-MIC-P-S00100]



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Naso-pharyngeal swab*</p> <p>*Excludes samples from immunocompromised patients</p>	<p><u>Molecular examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following Viruses / Bacteria using the Respiratory panel</p> <p>Adenovirus Coronavirus 229E Coronavirus HKU1 Coronavirus NL63 Coronavirus OC43 Middle east Respiratory Syndrome Coronavirus (MERS-CoV) Enterovirus Human metapneumovirus Influenza A Influenza A subtype H1 Influenza A subtype H3 Influenza A subtype 2009 H1 Influenza B Parainfluenza virus 1 Parainfluenza virus 2 Parainfluenza virus 3 Parainfluenza virus 4 Rhinovirus Respiratory syncytial virus Bordetella parapertussis B. pertussis Chlamydia pneumoniae Mycoplasma pneumoniae</p>	<p>Documented in-house methods and manufacturer's operating instructions to support clinical diagnosis</p> <p>Biomerieux Biofire film array Multiplexed nucleic acid molecular detection Use of the Biofire film array [B-MIC-P-S00054]</p>



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Cerebrospinal fluid *</p> <p>*Excludes samples from immunocompromised patients</p> <p>Urine</p>	<p><u>Molecular examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Detection of the following microorganisms using the Meningitis/Encephalitis panel:</p> <p>Escherichia coli K1 Haemophilus influenzae Listeria monocytogenes Neisseria meningitidis Streptococcus agalactiae Streptococcus pneumoniae Cryptococcus gattii/neoformans Cytomegalovirus Herpes simplex virus 1 Herpes simplex virus 2 Human herpesvirus 6 Enterovirus Human parechovirus Varicella zoster virus</p> <p><u>Miscellaneous testing</u></p> <p>bHCG detection (Pregnancy testing)</p>	<p>Documented in-house methods and manufacturer's operating instructions to support clinical diagnosis</p> <p>Biomerieux Biofire film array Multiplexed nucleic acid molecular detection Use of the Biofire film array [B-MIC-P-S00054]</p> <p>Lateral flow device Pregnancy testing Alere HCG cassette [B-MIC-P-S00041]</p>

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