


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

	Western Health and Social Care Trust	
8841 Accredited to ISO 15189:2012	Issue No: 012 Issue date: 04 April 2025	
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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 BODY FLUIDS AND TISSUES	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	In House documented methods based on UK Standards for Microbiology Investigations
Blood	Isolation of microorganisms of Clinical significance	Liquid culture, using in-house procedures: MIC/INV/01 in conjunction with manufacturer's instructions using Biomerieux Virtuo: MIC/EXT/DOC/039
Urine (MSU, CSU, bag, bladder tap, suprapubic aspirate)	Detection, identification and semi-quantification of: White blood cells Red blood cells Epithelial cells Detection, identification and reporting as Seen/Not seen of: Yeasts Bacteria	Manual microscopy using Kova slide: MIC/INV/19
Urine	Isolation of microorganisms of clinical significance	Manual inoculation of culture media using in-house procedures: MIC/INV/19 MIC/IDENI/32



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Routine samples: Aspirates Cellular and fluid material contained on swabs, catheter tips, biliary stent Intra-uterine contraceptive devices Fluids Tissues Corneal scrapings Faeces</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Isolation of microorganisms of Clinical significance</p>	<p>In House documented methods based on UK Standards for Microbiology Investigations</p> <p>Manual inoculation of selected culture media, including chromogenic media, using in-house procedures: MIC/IDENI/32 (inoculation of culture media) MIC/INV/16 MIC/INV/31 MIC/INV/20 MIC/INV/05 MIC/INV/04 MIC/INV/17 MIC/INV/21 MIC/INV/11 MIC/INV/14 MIC/INV/18 MIC/INV/02 MIC/INV/08 MIC/INV/10 MIC/INV/34 MIC/INV/35 MIC/INV/36</p> <p>Staining (inc.Gram) and microscopic examination using in-house procedure: MIC/IDENI/45 (Gram stain) In conjunction with manufacturer's instructions using modified Fuchs-Rosenthal Haemocytometer: MIC/IDENI/59</p>
<p>Sexual Health screen samples: Urine Swabs: genital, throat, rectal, cervical, vaginal. Smears: cervical, vaginal, urethral</p>	<p>Detection of bacteria of clinical significance for purposes of sexual health screen</p>	<ul style="list-style-type: none"> • Manual gram stain • Wet prep smears • Light microscopy <p>Manual methods using in-house procedures MIC/IDENI/45 (Gram stain) MIC/INV/21 (Vaginal swabs)</p>



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Respiratory samples: Bronchoalveolar lavage Bronchial aspirate, brushings and washings Tracheal secretions Pleural fluid Sputum Trap sputum</p> <p>Bacterial cultures isolated in-house from all samples listed above</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Respiratory samples for bacterial pathogens (not TB)</p> <p>Identification testing of clinically significant bacteria</p>	<p>In House documented methods based on UK Standards for Microbiology Investigations</p> <p>Manual inoculation of culture media using in-house procedures: MIC/INV/26 MIC/IDENI/32</p> <p>Manual methods using in-house procedures: MIC/IDENI/45 (Gram stain) MIC/IDENI/34 (oxidase) MIC/IDENI/14 Prolex Staph Xtra Latex Kit MIC/IDENI/15 Prolex Streptococcal Grouping Latex Kit MIC/IDENI/76 Prolex E.coli 0157 Latex kit</p> <p>MASTDISCS ID for ESBL: MIC/SENS/05</p> <p>Automated methods using in-house procedures in conjunction with manufacturer's instructions: MIC/IDENI/63 (Vitek 2) MIC/IDENI/62 (MALDI-TOF)</p>
<p>Bacterial cultures isolated in-house from all samples listed above</p>	<p>Antimicrobial susceptibility testing of clinically significant bacteria</p>	<p>Disc diffusion and minimum inhibitory concentration determination using the latest European Committee on Antimicrobial Susceptibility Testing (EUCAST) methodology in-house procedure: MIC/SENS/01 (antimicrobial susceptibility)</p> <p>Gradient sensitivity strips: MIC/SENS/01</p> <p>Vitek 2: MIC/IDENI/63</p>



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Swabs (HVS, mouth, ear, throat, swabs from immunocompromised patients), blood cultures, sterile fluids.</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Isolation and identification of yeasts of clinical significance.</p> <p>Please note: identification of yeasts to species level is routinely carried out on isolates from blood cultures, sterile fluids and mouth swabs from oncology patients.</p>	<p>In House documented methods based on related PHE Standards for Microbiology Investigations (SMIs)</p> <p>Manual methods using in-house procedures including chromogenic media: MIC/IDENI/32 MIC/IDENI/64 MIC/IDENI/65 MIC/IDENI/62</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 using manufacturer's instructions for use
Sputum, bronchoalveolar lavage, bronchial washing, pleural fluids, trap sputum, tracheal secretions, EBUS aspirate, pus, urine, gastric aspirate, blood, fluids, swabs, bone marrow, tissues and biopsies	Isolation and presumptive identification of Mycobacterium species	Automated liquid culture, followed by Ziehl Neelsen staining: MIC/INV/27 In conjunction with manufacturer's instructions using BD MGIT 320
Presumptive Mycobacterium species cultured in-house	Detection of mycobacterial protein fraction MPT64 secreted from <i>Mycobacterium tuberculosis</i> complex (Mtb) complex (Mtb)	Liquid culture: MIC/INV/33 In conjunction with manufacturer's instructions using BD MGIT TBc Identification Kit
Faeces	Detection of C. difficile toxin A & B and glutamate dehydrogenase antigen	Alere Techlab C diff Quik Chek Complete enzyme immunoassay kit: MIC/IDENI/39
Faeces	Detection of C. difficile toxin B gene	SeroSep Enteric Bio platform with the Roche Lightcycler: MIC/IDENI/74 MIC/INV/08
	Molecular diagnostic test for the simultaneous Detection of Enteric Pathogens, to include Salmonella, Shigella, Enteroinvasive E. coli, Campylobacter, Verotoxigenic E coli, Cryptosporidium parvum/hominis & Giardia lamblia	
Serum	Anti-streptolysin O Titre (ASOT)	Latex agglutination using BioKit Rheumajet ASO kit: MIC/SER/03



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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 using manufacturer's instructions for use
Urine	Streptococcus pneumonia antigen detection	Immunochromatographic membrane assay using BinaxNOW MIC/SER/16
Urine	Legionella pneumophila serogroup 1 antigen detection	Immunochromatographic membrane assay using BinaxNOW MIC/SER/27
Endocervical swabs and urine	Detection and differentiation of genomic DNA from Chlamydia trachomatis/Neisseria gonorrhoeae	Cepheid Genexpert CT/NG PCR: MIC/SER/22 Cobas 5800 in vitro diagnostic PCR test for the qualitative detection of CT/NG MIC/SER/29
Sputum and bronchoscopy samples	Confirmatory TB testing of positive ZN sample	Cepheid Genexpert PCR: MIC/INV/32
Nasal swabs	Detection of MRSA	Cepheid GeneXpert using MRSA NxG assay: MIC/INV/25
END		