

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8841 Accredited to ISO 15189:2012	Western Health & Social Care Trust	
	Issue No: 009 Issue date: 23 December 2021	
	Microbiology Laboratory Altnagelvin Hospital Glenshane Road Londonderry BT47 6SP Northern Ireland	Contact: Martin Robinson Tel: (028) 71345171 ext: 213770 Direct dial: (028) 71296131 E-Mail: Martin.Robinson@westerntrust.hscni.net Website: http://www.westerntrust.hscni.net/
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Microbiology Laboratory Altnagelvin Hospital Glenshane Road Londonderry BT47 6SP	Local contact Martin Robinson	Microbiology	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
GUM Clinic Anderson House Altnagelvin Hospital	Gram staining Examination of wet prep slides	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	In House documented methods based on related PHE Standards for Microbiology Investigations (SMIs)	
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	A
Routine samples: Aspirates Cellular and fluid material contained on swabs, catheter tips, biliary stent Intra-uterine contraceptive devices Fluids Tissues Corneal scrapings Faeces	Isolation of microorganisms of Clinical significance	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	A



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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 PHE Standards for Microbiology Investigations (SMIs)	
Urine (MSU, CSU, bag, bladder tap, suprapubic aspirate)	Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells Epithelial cells Yeasts	Manual microscopy using Kova slide: MIC/INV/19	A
Urine	Isolation of microorganisms of clinical significance	Manual inoculation of culture media using in-house procedures: MIC/INV/19 MIC/IDENI/32	A
Sexual Health screen samples: Urine Swabs: genital, throat, rectal, cervical, vaginal. Smears: cervical, vaginal, urethral	Detection of bacteria of clinical significance for purposes of sexual health screen	<ul style="list-style-type: none"> • Manual gram stain • Wet prep smears • Light microscopy Manual methods using in-house procedures: MIC/INV/22 (GUM clinic) MIC/IDENI/45 (Gram stain) MIC/INV/21 (Vaginal swabs)	B
Respiratory samples: Bronchoalveolar lavage Bronchial aspirate, brushings and washings Tracheal secretions Pleural fluid Sputum Trap sputum	Respiratory samples for bacterial pathogens (not TB)	Manual inoculation of culture media using in-house procedures: MIC/INV/26	A



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</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>Identification testing of clinically significant bacteria</p>	<p>In House documented methods based on related PHE Standards for Microbiology Investigations (SMIs)</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>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>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>	A
<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>	A



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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 carried out on isolates from blood cultures and sterile fluids only</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</p>	<p>A</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	A
Presumptive Mycobacterium species cultured in-house	Detection of mycobacterial protein fraction MPT64 secreted from <i>Mycobacterium tuberculosis</i> complex (Mtbc)	Liquid culture: MIC/INV/33 In conjunction with manufacturer's instructions using BD MGIT TBc Identification Kit	A
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	A
Faeces	Detection of C. difficile toxin B gene	SeroSep Enteric Bio platform with the Roche Lightcycler: MIC/IDENI/74	A
Faeces	Detection of: Rotavirus Adenovirus	Lateral flow immunochromatographic methodology, using the Coris Combi-strip: MIC/IDENI/75	A



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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	
Nasal swab, nasal secretions	Detection of respiratory syncytial virus (RSV)	Alere BinaxNOW immune-chromatographic RSV card: MIC/SER/10	A
Serum	Anti-streptolysin O Titre (ASOT)	Latex agglutination using BioKit Rheumajet ASO kit: MIC/SER/03	A
Urine	Streptococcus pneumonia antigen detection	Immunochromatographic membrane assay using BinaxNOW	A
Urine	Legionella pneumophila serogroup 1 antigen detection	Immunochromatographic membrane assay using BinaxNOW	A
Endocervical swabs and urine	Qualitative detection of Chlamydia trachomatis/Neisseria gonorrhoeae	Cobas 4800 CT/NG in vitro nucleic amplification test for qualitative detection of CT/NG: MIC/SER/04	A
Endocervical swabs and urine	Detection and differentiation of genomic DNA from Chlamydia trachomatis/Neisseria gonorrhoeae	Cepheid Genexpert CT/NG PCR: MIC/SER/22	A
Sputum and bronchoscopy samples	Confirmatory TB testing of positive ZN sample	Cepheid Genexpert PCR: MIC/INV/32	A
Nasal swabs	Detection of MRSA	Cepheid GeneXpert using MRSA NxG assay: MIC/INV/25	A
END			