


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>8360</b></p> <p><b>Accredited to ISO 15189:2022</b></p>	<p align="center"><b>South Eastern Health &amp; Social Care Trust</b></p> <p align="center"><b>Issue No: 008    Issue date: 05 June 2025</b></p>	
	<p><b>Microbiology Laboratory</b>  <b>Ulster Hospital</b>  <b>Upper Newtownards Road</b>  <b>BT16 1RH</b>  <b>United Kingdom</b></p>	<p><b>Contact: Darren Crawford</b>  <b>Tel: +44 (0)28 9041 1565 Ext 88565</b>  <b>E-Mail: <a href="mailto:darren.crawford@setrust.hscni.net">darren.crawford@setrust.hscni.net</a></b>  <b>Website: <a href="http://www.setrust.hscni.net/">http://www.setrust.hscni.net/</a></b></p>
<p align="center"><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p><b>HUMAN TISSUE AND FLUIDS</b></p> <p>Aspirate, Catheter Tip, CSF, Expressed Breast Milk, Fluids, IUCD, Peg Tube, Pus, Semen, Sputum, Bronchial Lavage, Bronchial Washings, Nasal Secretions, Tissues Cellular and fluid material contained on swabs from:  Axilla, Bartholin's Abscess, , Cervical, Ear, Eye, Groin, Mouth, Nasal, Neonatal Screen, Penile, Pseudomonas Screen, PVL Screen, Rectal, Skin, Throat, Tissue, Ulcer, Umbilical, Urethral, Vaginal, VRE/GRE Screen, Vulval, Wound</p> <p>Cellular and fluid material contained on swabs</p> <p>Whole Blood</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>Screening for Methicillin Resistant <i>Staphylococcus aureus</i> (MRSA)</p> <p>Isolation of micro-organisms of clinical significance</p>	<p>In House documented methods based on related Standards for Microbiology Investigations (UK SMIs)</p> <p>Manual or automated inoculation followed by culture using:  LABM BAC-204  LABM BAC-2  LABM BAC-35  LABM BAC-93  LABM BAC-104  LABM BAC-105  LABM BAC-106  LABM BAC-107  LABM BAC-108  LABM BAC-109  LABM BAC-111  LABM BAC-113  LABM BAC-118  LABM BAC-123  LABM BAC-124  LABM BAC-216  LABM BAC-218  LABM BAC-150  and  BioMerieux Previ Isola</p> <p>Manual or automated inoculation followed by culture as above and using:  LABM BAC-145</p> <p>Automated culture using:  LABM BAC-238  and  BacT/ALERT VIRTUO</p>



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In House documented methods based on related Standards for Microbiology Investigations (UK SMIs) (cont'd)
CSF	Detection of: Microorganisms White blood cells (inc. differential) Red blood cells	Microscopy using: Gram stain LABM BAC-150 And Kova Slides
Urine Joint fluid Ascitic fluid Peritoneal fluid Pleural fluid	Detection, identification and quantification of: White blood cells Red blood cells Squamous epithelial cells Bacterial cells Casts	Automated urinalysis, image capture and recognition using: LABM BAC-227 & 270 and UF-5000 Fluorescent flow cytometry and/or Manual microscopic examination using: LABM BAC-149
Faeces	Isolation, identification and antimicrobial susceptibility of bacterial pathogens: <i>Campylobacter</i> spp. <i>Clostridioides difficile</i> <i>Escherichia coli</i> O157 <i>Salmonella</i> sp. <i>Shigella</i> spp. <i>Vibrio</i> spp. <i>Yersinia</i> spp. <i>Pleisiomonas</i> spp.	Manual inoculation and media culture using: LABM ENT-1
Cellular and fluid material contained on vaginal swabs and rectal swabs	Group B Streptococci carriage screening	Manual inoculation, broth enrichment and media culture using: LABM BAC-283



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In House documented methods based on related Standards for Microbiology Investigations (UK SMIs) (cont'd)
Cultures isolated in-house from all samples listed above	Identification of microorganisms of clinical significance	Automated biochemical methods using: LABM ENT-2 LABM ENT-3 LABM ENT-4 LABM ENT-5 LABM ENT-6 LABM ENT-7 LABM BAC-161 LABM BAC-168 LABM BAC-171 LABM BAC-182 LABM BAC-38 LABM BAC-187 and Biomerieux Vitek 2  Matrix-assisted laser desorption/ionisation (MALDI-TOF) using: LABM BAC-239 and Biomerieux Vitek MS
Cultures isolated in-house from all samples listed above	Antimicrobial susceptibility testing of clinically significant bacteria	Manual disc diffusion and/or automated antimicrobial susceptibility testing using the latest EUCAST methodology using: LABM BAC-73 and: Biomerieux Vitek 2 LABM BAC-38 LABM BAC-187 LABM BAC-239  Gradient MIC determination by MIC test strip using: LABM BAC-153



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In House documented methods based on related Standards for Microbiology Investigations (UK SMIs) (cont'd)
Faeces	Detection of Rotavirus and adenovirus	Immunoassay using Coris Bioconcept Combi-strip using: LABM ENT-8
Faeces	Detection of <i>Helicobacter pylori</i> antigen	Chemiluminescent immunoassay using Liaison XL following: LABM SERO-37
Faeces	<i>Clostridioides difficile</i> glutamate dehydrogenase (GDH) <i>C. difficile</i> toxins A & B	Rapid EIA using: LABM ENT-9 and: C.Diff Quik Chek Complete
Faeces	<i>C. difficile</i> toxin B gene	Confirmation using Polymerase chain reaction (PCR): LABM ENT-23 and: Cepheid GeneXpert
Urine	Detection of <i>Legionella pneumophila</i> serogroup 1 antigens	Rapid qualitative Immunoassay using BinaxNOW using: LABM SERO-09
Urine	Detection of <i>Streptococcus pneumoniae</i> antigen	Rapid qualitative Immunoassay using BinaxNOW using: LABM SERO-11



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Molecular examination activities for the purpose of clinical diagnosis</u>	In House documented methods based on related Standards for Microbiology Investigations (UK SMIs) (cont'd)
Respiratory samples including nasopharyngeal, nasal and throat swabs	Detection of Influenza A virus, Influenza B virus, RSV DNA	PCR using Cepheid GeneXpert using: LABM BAC-249
Faeces	Detection of Norovirus DNA	PCR using Cepheid GeneXpert using: LABM ENT-26
Rectal swabs and bacterial isolates	Detection and differentiation of KPC, NDM, VIM, OXA-48 and IMP-1 gene sequences	PCR Carba-R assay using Cepheid GeneXpert using: LABM BAC-253
Combined nasal and throat swab	Detection of: SARS-CoV-2 (N2 gene and E gene) Influenza A virus Influenza B virus RSV	PCR using Cepheid GeneXpert and Quad multiplex assay: LABM BAC-265
Faeces	Detection of: Salmonella Shigella Campylobacter Verotoxin gene Giardia Cryptosporidium Toxigenic <i>C.difficile</i> (tcdB)	PCR amplification and detection using Roche Light cycler 480 with Serosep EntericBio realtime <i>C.difficile</i> assay using: LABM ENT-32  Serosep EntericBio realtime Gastro panel 2 assay using: LABM ENT-30
END		