


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>Accredited to ISO 15189:2022</b>	<b>Lancashire Teaching Hospitals NHS Foundation Trust</b>	
	<b>Issue No: 010 Issue date: 17 April 2026</b>	
	<b>Lancashire and South Cumbria Pathology Service Microbiology Department Royal Lancaster Infirmary Ashton Road Lancaster LA4 4RP</b>	<b>Contact: Mr Stephen McDonald Tel: +44 (0)1229 491279 E-Mail: Stephen.mcdonald@mbht.nhs.uk Website: www.uhmb.nhs.uk/our- services/pathology</b>

**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
<b>Address</b> Microbiology Department Royal Lancaster Infirmary Ashton Road Lancaster LA4 4RP	<b>Local contact</b> Mr Saabir Mitha Tel: +44 1524 583774 E-Mail: Saabir.mitha@mbht.nhs.uk	Microbiology A
Clinical Biochemistry Department Royal Lancaster Infirmary Ashton Road Lancaster LA4 4RP	Mr Saabir Mitha Tel: +44 1524 583774 Email: Saabir.mitha@mbht.nhs.uk  Mrs Janet Eglin Tel: +44 (0)1229 491033 Email: janet.eglin@mbht.nhs.uk	Antenatal serology 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 SAMPLES	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating relevant manufacturers' instructions	
Cellular and fluid material contained on swabs, tips, lines. Fluids Genital samples Pus CSF Tissue	Isolation and characterisation of micro-organisms of clinical significance	Manual culture MSX001 LP, M S X 005 LP, M S X 002 LP, M S X 003 LP, M S X 004 LP M S X 008 LP	A
Nose/Groin/Axillae	Screening for the presence of MRSA	MSX006LP using Chromogenic Agar	A
Whole blood	Detection of microbial growth and general isolation and characterisation of micro-organisms of clinical significance	Automated colorimetric CO2 growth index detection using manufacturer's instructions for Biomerieux BacTAlert and SOPM BC X 002 LP Investigation of Blood cultures	A
Joint fluids	Detection, identification and quantification of WBC, RBC bacteria	Microscopy and staining by Gram stain with reference to MTX011LP	A
Joint fluids	Detection of crystals	Polarised microscopy with reference to M X 021 ED, M T X 053 LP M S X 003 LP	A
Genital samples	Detection, identification and quantification of Trichomonas vaginalis, Yeast cells, WBC, clue cells, Spermatozoa	Microscopy and staining by Acridine Orange with reference to M S X 005 LP	A



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HUMAN BODY SAMPLES	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
CSF	Detection, identification and quantification of: White blood cells including differential count Red blood cells	Microscopy & staining Bright field microscopy, Investigation of Cerebrospinal Fluid MSX001LP	A
Sputum Bronchial Washes Pleural Fluids Body Fluids Urine Pus CSF Tissues	Detection and identification of: Bacteria/fungi Cryptococcus	Gram stain M T X 011 LP India Ink M S X 001 LP Investigation of Cerebrospinal Fluid	A
Urine	Quantification of white blood cells red blood cells bacteria epithelial cells	Manual inverted bright field microscopy in conjunction with in house method M U X 006 LP	A
Urine	General isolation and characterisation of micro-organisms of clinical significance	Semi-quantitative culture on chromogenic agar in conjunction with in house method M U X 006 LP	A



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HUMAN BODY SAMPLES	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Urine	Detection of <i>Legionella pneumophila</i> serotype 1 antigen	Manufacturer's instructions using Alere BinaxNow Legionella Immunochromatographic detection in conjunction with in house documented method MTX023LP	A
Urine	Detection of <i>Streptococcus pneumoniae</i> antigen	Manufacturer's instructions using Alere BinaxNow Strep. pneumoniae Immunochromatographic detection in conjunction with in house documented method MTX023LP	A
Faeces/Rectal Swabs	General isolation and characterisation of Salmonella, Shigella, Campylobacter & E. coli O157	Manual culture using M F X 022 LP	A
Faeces/Rectal Swabs	Isolation of glycopeptide resistant enterococci (GRE)  Screening for Carbapenemase producing Enterobacteriaceae	Manual culture using M X 058 LI  Manual culture using MX 045 LI	A



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HUMAN BODY SAMPLES	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Faeces	Detection of <i>Helicobacter pylori</i> antigen	EIA manual assay using Oxoid Amp Ida Hp Star H pylori stool antigen in conjunction with in house documented method M F X 024 LP	A
Faeces	Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance	Concentration method using Apacor MIDI Parasep microscopy in conjunction with in house documented method Auramine stain Modified Ziehl Neelsen M F X 023 LP	A
Faeces	Detection of Clostridium difficile toxins A and B and Clostridium difficile glutamate dehydrogenase (GDH)	Techlab C Diff Quik Check enzyme immunoassay M F X 022 LP	A
Faeces & rectal saline swabs	Detection of <i>Enterobius vermicularis</i> larvae and ova	Manual light microscopy in conjunction with in house documented method M F X 023 LP	A
Faeces	Rotavirus and adenovirus antigens	Apacor RapydTest Rota/Adeno Immunochromatographic assay and in house documented method M F X 022 LP	A
Faeces	Detection of Cryptosporidium spp. and Giardia spp	ELISA using DYNAWASH and DYNA Reader M F X 022 LP M F X 024 LP	A



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<p>HUMAN BODY SAMPLES</p> <p>Respiratory samples sputum, bronchoalveolar lavage</p> <p>Skin, hair and nails</p>	<p><u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Isolation and identification of clinically relevant pathogens</p> <p>Detection, identification of bacteria and fungi</p> <p>Isolation and identification of clinically relevant yeasts and fungi</p>	<p>In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)</p> <p>In-house documented procedures following current PHE SMIs M C X 001 LP</p> <p>Gram stained microscopic examination using M X MY 002 LP</p> <p>Manual inoculation, media culture, and macroscopic &amp; microscopic examination (stained &amp; unstained) M X MY 002 LP</p>	<p>A</p> <p>A</p>



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HUMAN BODY SAMPLES	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Bacterial cultures isolated in-house from all samples listed above	Antimicrobial susceptibility testing of clinically significant bacteria	Manual and/or automated antimicrobial susceptibility testing using the latest European Committee on Antimicrobial Susceptibility Testing (EUCAST) methodology and: Biomerieux Vitek using in-house procedure M X 034 LP Disc diffusion & gradient minimum inhibitory concentration determination using in-house procedure M X 034 LP	A
In-house cultured isolates	Identification/Biological classification  Identification of clinically significant microorganisms	Automated identification using Biomerieux VITEK and M X 034 LP  MALDI-TOF identification on the VITEK MS Prime SOP: M X 047 LP	A



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HUMAN BODY SAMPLES	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Serum	Detection of the following: HIV ab and P24 ag Hepatitis B surface antigen Rubella IgG	Beckman Coulter AutoMate and Unicel DXi 800 analyser using BS IA X 001 LP, BS IA R 002 LP	B
	Syphilis total antibody	Beckman Coulter Automate and AU5800 analyser and BS IA R 002 LP	B
END			