


# 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: 008    Issue date: 21 April 2026</b>	
	<b>Lancashire and South Cumbria Pathology Service</b> <b>Microbiology Department</b> <b>Royal Blackburn Hospital</b> <b>Haslingden Road</b> <b>Blackburn</b> <b>BB2 3HH</b> <b>United Kingdom</b>	<b>Contact: Tina Cuthbertson</b> <b>Tel: +44 (0)1254 732488</b> <b>E-Mail: <a href="mailto:tina.cuthbertson@elht.nhs.uk">tina.cuthbertson@elht.nhs.uk</a></b> <b>Website: <a href="http://www.elht.nhs.uk">www.elht.nhs.uk</a></b>

### Laboratory locations:

Location details	Activity	Location code
<b>Address</b> Microbiology Department Royal Blackburn Hospital Haslingden Road Blackburn BB2 3HH	<b>Local contact</b> Tina Cuthbertson Tel: +44 (0)1254 732488 E-Mail: <a href="mailto:tina.cuthbertson@elht.nhs.uk">tina.cuthbertson@elht.nhs.uk</a>	Microbiology A
<b>Address</b> Blood Sciences Department Royal Blackburn Teaching Hospital Haslingden Road Blackburn BB2 3HH	<b>Local contact</b> Tina Cuthbertson Tel: +44 (0)1254 732488 E-Mail: <a href="mailto:tina.cuthbertson@elht.nhs.uk">tina.cuthbertson@elht.nhs.uk</a>	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 TISSUES AND FLUIDS	<u>Microbiological examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures based on UK SMIs in conjunction with equipment manuals for instruction as stated:	
Swabs, tissue, human bodily fluids, pus, IV devices & catheter tips from eyes, wounds, nose, throat, ears, genital sites & IUCD	General Bacteriology  General isolation and characterisation of micro-organisms of clinical significance	Manual culture using solid agar media using SOPs ELMIC/E/128 & ELMIC/E/130	A
Faeces	General isolation and characterisation of <i>Salmonella</i> , <i>Shigella</i> , <i>Campylobacter</i> & <i>E. coli</i> 0157	Manual culture methods using selective agar and using SOP ELMIC/E/123	A
Respiratory fluids (sputum, bronchial washings)	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOP ELMIC/E/6168	A
Intraocular fluids, corneal scrapings	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOP ELMIC/E/6137	A
Swabs from nose, perineum and wound sites	Isolation of MRSA	Automated method using COPAN WASP and SOP ELMIC/E/6195  Manual culture using chromogenic agar and SOP ELMIC/E/127	A
Urine	Examination and quantitation for white and red blood cells, bacteria, casts and epithelial cells	SOP ELMIC/E/6173 using Menarini SediMAX conTRUST	A



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on UK SMIs in conjunction with equipment manuals for instruction as stated:	
Urine	General isolation and characterisation of micro-organisms of clinical significance	SOP ELMIC/E/6176 using the MAST Urisystem  Manual culture using SOP ELMIC/E/124	A
Blood cultures and fluids from sterile sites	Detection of microbial growth and general isolation and characterisation of micro-organisms of clinical significance	SOP ELMIC/E/044 using Biomerieux BacT/Alert Virtuo automated system and manual culture methods	A
Human bodily fluids (other than urine) including CSF	Examination and quantitation of white and red blood cells, bacteria	SOP ELMIC/E/131 by manual microscopy	A
Female genital tract swabs	Microscopic diagnosis of bacterial vaginosis	Gram stained microscopy examination and Hay's criteria SOP ELMIC/E/6187 SOP ELMIC/E/130	A
Human bodily fluids (other than urine) including CSF and tissue	Detection, identification and semi-quantification of: White blood cells, Bacterial cells, Yeast cells and fungal hyphae, and clue cells	Direct examination using staining techniques and light microscopy and Gram staining SOP ELMIC/E/6187	A
Bacterial cultures (isolated in-house)	Identification and characterisation of micro-organisms	Manual methods using commercial kits (Biomerieux API 20E, 10S and API NH) SOP ELMIC/E/6186  Automated methods using the Bruker MALDI-TOF SOP ELMIC/E/6175	A  A



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on UK SMIs in conjunction with equipment manuals for instruction as stated:	
Bacterial cultures (isolated in-house)	Antimicrobial susceptibility testing of clinically significant bacteria.	MIC determination using Vitek 2 XL and Densicheck SOP ELMIC/E/6154	A
		EUCAST guidelines SOP ELMIC/E/6166	A
		Gradient MIC determination by Liofilchem MIC strips SOP ELMIC/E/6166	A
		Carbapenamase Producing Organisms using Neo-Rapid Carb test SOP ELMIC/E/6181	A
		ESBL detection using EUCAST guidelines with MAST discs SOP ELMIC/E/6166	A
		Detection of MecA using immunochromatography, Clearview PBP2a SA culture colony test SOP ELMIC/E/6166	A
		Manual disc diffusion using EUCAST guidelines SOP ELMIC/E/6166	A
Respiratory samples, human body fluids, urine, faeces, pus, swabs, tissue	Detection of <i>Mycobacterium</i> species	Automated platform for culture using the BD MGIT for TB investigation: SOP ELMIC/E/135	A
		Manual culture methods using Löwenstein–Jensen media: SOP ELMIC/E/135	A



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures based on UK SMIs in conjunction with equipment manuals for instruction as stated:	
Respiratory samples, human body fluids, urine, faeces, pus, swabs, tissue and positive mycobacterial broth cultures from positive MGIT tubes and organisms from positive LJ slopes	Acid Fast Bacilli	Phenol Auramine stain with fluorescent microscopy: SOP ELMIC/E/6187 SOP ELMIC/E/135	A
Urine	Detection of Legionella pneumophila antigen	SOP ELMIC/E/6130 using Binax NOW immunochromatography kit	A
Urine & CSF	Detection of <i>Streptococcus pneumoniae</i> antigen	SOP ELMIC/E/6131 using Binax NOW immunochromatography kit	A
Nasopharyngeal & tracheal aspirates	Detection of respiratory syncytial virus (RSV) antigen	SOP ELMIC/E/049 using Binax NOW immunochromatography kit	A
Faeces	Detection of <i>Clostridium difficile</i> GDH antigen	SOP ELMIC/E/6124 using DS2 analyser (ELISA)	A
Faeces	Detection of <i>Helicobacter pylori</i> antigen	SOP ELMIC/E/6123 using DS2 analyser (ELISA)	A
	<u>Parasitology</u>		
Faeces, urine & a perianal samples	Examination for the presence of parasites of clinical significance	SOP ELMIC/E/030 Manual microscopy using document in house procedure and/or concentration using Parasep system and manual microscopy	A
Faeces	Detection of <i>Cryptosporidium</i> and <i>Giardia lamblia</i> antigens	SOP ELMIC/E/6124 using DS2 analyser (ELISA)	A



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures based on UK SMIs in conjunction with equipment manuals for instruction as stated:	
Faeces	<u>Parasitology</u> (cont'd) Detection of <i>Cryptosporidium spp.</i> and <i>Cyclospora spp.</i>	Fluorescent microscopy using an auramine phenol stain and confirmation using a Ziehl Neelsen staining and light microscopy following SOP ELMIC/E/6187	A
Hair, skin scrapings & nail clippings	<u>Mycology</u> General isolation and characterisation of fungi of clinical significance	Documented in-house manual procedure ELMIC/E/042  Direct microscopy of KOH digested samples and culture on selective solid agar media using SOP ELMIC/E/042	A
Fungal culture	Identification of yeasts	Chromogenic agar SOP ELMIC/E/042	A
Blood	<u>Viral Serology</u> Detection of Gamma Interferon (in response to TB antigen)	SOP ELMIC/E/6162 using QuantiFERON-TB Gold ELISA and DS2 analyser	A
Serum / plasma	Detection of <i>Varicella-Zoster</i> IgG	SOP ELMIC/E/6148 by immunoassay using Biomerieux mini-Vidas	A
Nose swab	Detection of influenza A and B	SOP ELMIC/E/6177 Polymerase chain reaction using Abbott ID NOW	



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HUMAN TISSUES AND FLUIDS (cont'd)  Serum / plasma Serum / plasma Serum / plasma Serum / plasma Serum / plasma Serum / plasma Serum / plasma Serum / plasma	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>  Detection of <i>Hepatitis A</i> IgM antibody Detection of <i>Hepatitis B</i> core antibody Detection of <i>Hepatitis B</i> surface antigen* Detection of <i>Hepatitis B</i> surface antibody Detection of <i>Hepatitis C</i> antibody Detection of HIV 1 & 2 antibodies and HIV-1 p24 antigen (combination assay)* Detection of <i>Rubella</i> IgG antibody Detection of total <i>Treponema pallidum</i> antibody (IgG and IgM)*	Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy Screening programme as defined in the laboratory QA evidence requirements (targets/tests marked *)  Chemiluminometric immunoassay using Siemens Atellica Solution. BS/BN SOP 203	B
END			