


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8820</p> <p>Accredited to ISO 15189:2012</p>	<h3>HSL (Analytics) LLP</h3> <p>Issue No: 010 Issue date: 03 March 2025</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS AND TISSUES</p> <p>Swabs (throat, ear, nose, wound, eye), CSF, genital tract specimens, sterile fluids, tissues, sputum and respiratory samples, faeces, paediatric urine (on-call)</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis</u></p> <p>Isolation and characterisation of bacteria and fungi of clinical significance.</p>	<p>In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant</p> <p>Using manual culture, staining and microscopy</p> <p>LP-810-005 SOP for examination of CSF LP-810-008 SOP for neonatal screening samples LP-810-010 SOP for examination of respiratory and associated samples LP-810-011 SOP for examination of faeces LP-810-013 SOP for examination of urine LP-810-014 SOP for Gram stain LP-810-017 SOP for examination of genital tract and associated samples LP-810-810-022 SOP for examination of fluids normally sterile LP-810-026 SOP for examination of wound and associated samples LP-810-032 SOP for the examination of nose, throat and eye swabs LP-810-033 SOP for investigation of tissues and biopsies</p>
<p>Culture isolates</p>	<p>Detection of bacteria with carbapenem hydrolysing β lactamases (carbapenemases)-confirmatory test</p>	<p>NG-test CARBA 5 Immunocard lateral flow methodology SOP LP-800-070</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 based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant
Nose, throat, groin, wounds, urine and sputum	Isolation and characterisation of MRSA bacteria	Using manual chromogenic culture, staining/microscopy SOP: LP-810-007
Swabs (Nose, throat and groin)	MSSA screening	Culture on to Chromogenic Agar identification by Maldi-Tof SOP- LP-800-064
Maternal low vaginal and anorectal swabs	GBS screening	Culture using LIM broth (E&O laboratories) LP-800--080
Whole blood	Isolation of bacteria and fungi of clinical significance.	Using Biomereieux BacTAlert SOP: LP 810-012
Clinical isolates cultured in-house	Identification of microorganisms of clinical significance.	Using manual biochemical tests and Bruker Maldi-TOF SOP: LP-800-045
Clinical isolates cultured in-house from various sample types	Antimicrobial susceptibility testing of clinically significant bacteria	Inoclic culture preparation kit disc diffusion dispensers and paper impregnated antibiotic discs using EUCAST as appropriate LP-810-001 Antibiotic sensitivity testing by EUCAST, or e-test and/or MicroScan autoSCAN-4 based on colorimetric optical system- Semi Automated Antibiotic Sensitivity Platform (MIC)
Urine	Detection and quantification of white cells, red blood cells and bacteria	Using Beckman Coulter IQ2000 Sprint. SOP: LP 810-013
Urine	Qualitative detection of Legionella pneumophila serogroup 1 antigen	Alere BinaxNOW® Legionella test kit by lateral flow immunoassay SOP: LP810-015 (Legionella)
Urine	Qualitative detection of <i>S. pneumoniae</i> antigen	Alere BinaxNOW® <i>Streptococcus pneumoniae</i> Antigen Card by lateral flow immunoassay LP-810-034 (s.pneumoniae)



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant
Urine	Isolation and identification of microorganisms of clinical significance	Automated culture and sensitivity by chromogenic agar and Mast Urisystem using SOP LP-810-013 for examination of urine
Faeces	Qualitative detection of Helicobacter pylori antigen	Proflow™ H. pylori test Lateral flow immunoassay SOP: LP-810-043
Faeces	Detection of <i>C.difficile</i> toxins A & B	Alere Tox A/B Quik Chek kit Lateral flow immunoassay SOP LP 810-041
Faeces	Detection of Rotavirus antigen	Meridian Bioscience Immunocard Rapid Immunochromatographic Assay STAT kit SOP LP-810-011
CSF and ascetic fluid	Cell count for red blood cells and/or white blood cells	Manual methods using Neubauer counting chamber and microscopy SOP LP-810-005
Hair, skins, nails	<u>Mycology examination activities for the purpose of clinical diagnosis</u> Isolation and examination of superficial mycoses/dermatophytes of clinical significance	Microscopy performed using fluorescent microscope. Manual culture using selective agars SOP: LP-810-021



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Faeces</p> <p>Faeces</p> <p>Faeces</p>	<p><u>Parasitology examination activities for the purpose of clinical diagnosis</u></p> <p>Detection and identification of helminths, nematodes, flukes, parasitic larvae, protozoa, ova, eggs, and cysts of clinical significance</p> <p>Detection and identification <i>cyclospora</i> and <i>cryptosporidium</i></p> <p>Norovirus testing</p>	<p>In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant</p> <p>Using Parasep faecal concentrator kit and microscopy</p> <p>LP-810-011 SOP for examination of faeces</p> <p>Using manual staining and microscopy</p> <p>LP-810-044 SOP for Modified ZN stain for Cyclospora</p> <p>LP-810-045 SOP for auramine phenol stain for Cryptosporidium</p> <p>RIDA@QUICK Norovirus test by immunocard lateral flow SOP LP-800-065</p>



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Serology examination activities for the purpose of clinical diagnosis</u>	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant
Faeces	Detection of <i>C. difficile</i> Glutamate Dehydrogenase	Biomerieux VIDAS 2-step sandwich immunoassay SOP LP 800-049
Serum	Detection of the following: VZ IgG Measles IgG CMV IgG Rubella IgM Rubella IgG Mumps IgG Hepatitis B Core antibodies Toxoplasma antibodies Hepatitis A IgM	VIDAS (Biomerieux) using enzyme immunoassay with fluorescent detection (ELFA) LP 820-019 SOP for detection of Varicella-Zoster IgG LP-820-018 SOP for detection of Measles IgG LP-820-017 SOP for detection of CMV IgG LP-820-023 SOP for detection of Rubella IgM LP-820-015 SOP for detection of Rubella IgG LP-820-024 SOP for detection of Mumps IgG LP-820-027 SOP for detection of Hepatitis B core antibodies LP-820-006b SOP for detection of Toxoplasma antibodies by VIDAS LP-820-026 SOP for detection of Hepatitis A IgM
Serum/plasma	Hepatitis E IgM Hepatitis E IgG	LP-800-077 LP-800-078
Serum	Detection of the following CMV IgM Hepatitis C antibodies	Abbott Alinity ci (immuno platform) using chemiluminescent immunoassay LP-820-016 SOP for detection of CMV IgM LP-820-010 SOP for detection of Hepatitis C antibodies
Serum/plasma	EBV EBNA-IgG EBV EBV VCA IgG EBV VCA IgM SARS CoV-2 IgG antibodies	LP-820-034 LP-820-035 LP-820-036 LP-820-033



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Antenatal & Newborn Screening</u> Detection of the following Hepatitis B surface antigen Hepatitis B surface antibodies Syphilis antibodies HIV (antigen/antibody combo)	Documented-in-house methods to meet the requirements IDPS screening programme as defined in the July 2018 version of 'Infectious diseases in pregnancy screening: laboratory QA evidence requirements' for antenatal screening Abbott Alinity ci (immuno platform) using chemiluminescent immunoassay LP-820-017 SOP for detection of Hepatitis B surface antigen LP-820-014 SOP for detection of Hepatitis B surface antigen LP-820-013 SOP for detection of Syphilis antibodies LP 820-011 SOP for detection of HIV antigen and antibody
Serum/plasma	<u>Serology examination activities for the purpose of clinical diagnosis</u> Detection of Anti- Streptolysin O <u>Miscellaneous examination activities for the purpose of clinical diagnosis</u>	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant Manual Latex agglutination method. Rheumajet ASO, Werfen SOP LP 820-004 In house documented methods incorporating manufacturers' instructions where relevant
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