

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO 15189:2022	Isle of Wight NHS Trust Issue No: 004 Issue date: 21 January 2025	
	Microbiology Department St Mary's Hospital Parkhurst Road Newport Isle of Wight PO30 5FX	Contact: Keith Thomas Tel: +44 (0) 1983 534820 E-Mail: keith.thomas4@nhs.net Website: www.iow.nhs.uk

Testing performed at the above address only

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity
Address Microbiology Department St Mary's Hospital Parkhurst Road Newport Isle of Wight PO30 5FX	Local Contact Keith Thomas Tel: +44 (0) 1983 534820 E-Mail: keith.thomas4@nhs.net	Microbiology Parasitology Mycology Serology



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS AND TISSUES	<u>Microbiology examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods based on related UK Standards for Microbiology Investigations (SMIs) and manufacturer's operating instructions, where relevant, to support clinical diagnosis.
Urine	Detection and quantification of white cells, red cells, epithelial cells, urinary casts and yeast cells.	Manual inverted microscopy MIC-LP-Urine
Urine	Isolation of bacterial and fungal species of clinical significance	Manual culture method MIC-LP-Urine MIC-LP-MRSA
Blood	Culture and detection of micro-organisms of clinical significance	Biomerieux BacT/ALERT 3D. Liquid cultures using adult and paediatric blood culture bottles followed by media culture MIC-LP-BloodCult
Swabs	Isolation and characterisation of bacteria and fungi of clinical significance	Manual inoculation and media culture MIC-LP-CoughSwab MIC-LP-EarSwab MIC-LP-EyeSwab MIC-LP-EyeComp MIC-LP-Genital MIC-LP-MRSA MIC-LP-MouthSwab MIC-LP-NeoScreen MIC-LP-NoseSwab MIC-LP-Pus MIC-LP-ThroatSwab MIC-LP-Wound MIC-LI-InocMedia
Swabs	Screening for: Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA)	Manual inoculation and media culture MIC-LP-MRSA



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis: (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant
Swabs	Screening for carbapenemase resistant Enterobacteriaceae	Manual inoculation and media culture MIC-LP-Screening
Swabs	Screening for Vancomycin-resistant Enterococci (VRE)	Manual inoculation and media culture MIC-LP-Screening
Fluids and Tissues	Detection and quantification of white cells and red cells	Light microscopy
Fluids and Tissues	Isolation and characterisation of bacteria and fungi of clinical significance	Manual inoculation and media culture MIC-LP-AsciticFluid MIC-LP-BAL MIC-LP-Bile MIC-LP-CLFluid MIC-LP-OsteoBoneTiss MIC-LP-ProsJoint
Cerebrospinal Fluid	Detection and quantification of white cells and red cells	Light microscopy Cell count using Fuchs Rosenthal counting chamber
Cerebrospinal Fluid	Isolation and characterisation of bacteria and fungi of clinical significance	Manual inoculation and media culture MIC-LP-CSF
Respiratory samples (sputum, pleural fluid, bronco-alveolar lavage)	Isolation and characterisation of bacteria and fungi of clinical significance	Manual inoculation and media culture MIC-LP-Sputum MIC-LP-CLFluid MIC-LP-MRSA
Respiratory samples (sputum, pleural fluid, bronco-alveolar lavage)	Presence of absence of acid fast bacilli	Auramine stain and fluorescence microscopy MIC-LI-Auramine ZN stain and light microscopy MIC-LI-ZN



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis: (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant
Bacterial isolates cultured in-house	Antimicrobial susceptibility testing	Manual antimicrobial susceptibility testing using EUCAST methodology. MIC-LP-EUCASTSens Gradient MIC determination MIC-LP-MICE
Urine	Detection of <i>Legionella pneumophila</i> serogroup 1 antigen	Manual immunochromatographic assay using lateral flow EIA device Binax Now Legionella urinary antigen MIC-LP-UrinaryLeg
Urine	Detection of Pneumococcal antigen	Manual immunochromatographic assay using lateral flow EIA device Binax Now Streptococcus pneumoniae urinary antigen MIC-LP-UrinaryPne
Faeces	Detection and quantification of white cells and red cells. Direct detection of ova, cysts and parasites	Light microscopy MIC-LP-Faeces
Faeces	Isolation and characterisation of bacteria of clinical significance	Manual inoculation and media culture MIC-LP-Faeces
Faeces	Detection of C.difficile GDH antigen and Toxin A & B	Rapid membrane enzyme assay Alere Techlab C.diff QuikChek Complete™ MIC-LP-CDIFF
Faeces	Detection of Helicobacter stool antigen	Manual immunochromatographic assay using lateral flow EIA Apacor H.pylori Ag Rapydtest® MIC-LP-Helicobacter



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis: (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant
Faeces	Detection of Rotavirus antigen	Manual immunochromatographic assay using lateral flow EIA device APACOR Rota/Adeno Ag Rapydtest MIC-LI-Rota
Faeces	Detection of Norovirus antigen	Manual immunochromatographic assay using lateral flow EIA device SD BIOLINE Norovirus MIC-LP-Noro
Faeces	<u>Parasitology</u> Identification of ova, cysts & parasites	Concentration using Evergreen faecal parasite concentrator / centrifuge MIC-LP-Parasites
Faeces	Microscopy for Cryptosporidium oocysts	Auramine stain and fluorescence microscopy MIC-LI-Crypto
Clear adhesive tape slide	Detection of <i>E. vermicularis</i>	Light microscopy MIC-LP-Parasites
Skin scrapings, nail clippings, hair samples	<u>Mycology</u> Presence of absence of fungal elements Isolation and identification of fungi of clinical significance	Light microscopy/polarising MIC-LP-Mycology Manual inoculation and media culture. Macroscopic examination and lactophenol cotton blue microscopy MIC-LP-Mycology
Bacterial & fungal isolates cultured in-house	Identification/ Biological classification	Manual biochemical/enzymatic & staining/microscopic methods



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis: (cont'd)</u>	In house documented methods incorporating manufacturers' instructions where relevant
	<u>Serology</u>	Documented in-house methods to meet the requirements of the IDPS programme as defined in the current version of 'NHS Infectious Diseases in Pregnancy Screening Programme: laboratory quality assurance evidence requirements
Serum	Detection of: Hepatitis B surface antigen Hepatitis B core antibody Hepatitis B surface antibody Hepatitis C antibody HIV 1&2 and p24 antigen	Beckman Coulter Dxl 800 immunoanalyser MIC-LP-HepBDxl MIC-LP-CoreDxi MIC-LP-HABDxi MIC-LP-HepCDxi MIC-LP-HIVDxi
Serum	Detection of: Syphilis antibody	Beckman Coulter AU5812 MIC-LP-Syph
Serum	Detection of anti-streptolysin O	Rheumajet ASO latex agglutination MIC-LP-ASO
	<u>Miscellaneous</u>	
Joint Fluids	Presence or absence of calcium pyrophosphate or uric acid crystals to aid the diagnosis or gout/pseudogout	Polarised microscopy MIC-LP-Gout
END		