

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



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Accredited to  
ISO 15189:2022

### The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services

Issue No: 009 Issue date: 22 July 2025

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Testing performed at the above address only

#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures following current United Kingdom Health Security Agency (UKHSA) ) Standards for Microbiological Investigations (SMIs)
All liquid swabs, urines, wound drains and emulsified faeces samples	General Isolation and characterisation of microorganisms of clinical significance	COPAN / BioMerieux WASP (Walk Away Specimen Processor) system.for inoculation, incubation and digital imaging of culture plates and documented procedures:  MIC/SOP/064 MIC/SOP/051 MIC/SOP/036 MIC/SOP/037 MIC/SOP/034 MIC/SOP/035 MIC/SOP/038 MIC/SOP/028 MIC/SOP/067
Respiratory, tip and charcoal ear and urethral samples	General Isolation and characterisation of microorganisms of clinical significance	Manual inoculation followed by COPAN / BioMerieux WASP (Walk Away Specimen Processor) system.for incubation and digital imaging of culture plates and documented procedures:



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures following current United Kingdom Health Security Agency (UKHSA) Standards for Microbiological Investigations (SMIs)
Swabs from eyes, wounds, nose, throat, ears, genital sites.	General isolation and characterisation of micro-organisms of clinical significance	MIC/SOP/051 (Wound) MIC/SOP/036 (Genital) MIC/SOP/037 (eye) MIC/SOP/034 (ENT) MIC/SOP/045 (Body Fluids) MIC/SOP/058 (Tissue/Biopsy Material) MIC/SOP/035 (pus/drainage fluid)
Swabs from human tissue and body fluids	Presence of white blood cells, organisms and epithelial cells	Manual Staining MIC/SOP/039
Swabs from genital samples	Detection of white blood cells, yeast cells and Trichomonas vaginalis	Wet prep Manual microscopy MIC/SOP/036
Urine	Quantification of white and red blood cells, bacteria and epithelial cells	MIC/SOP/028 and MIC/SOP/135 in conjunction with equipment manual using Sysmex UF5000 MIC/EXT/022, 023, 024
Urine	General isolation of micro-organisms of clinical significance	Documented in house method MIC/SOP/028 in conjunction with manufacturer's instructions for Copan/Biomérieux Wasplab MIC/SOP/067
Urine	Examination for the presence of parasites of clinical significance	MIC/SOP/038 by centrifugation and manual microscopy
Faeces	Isolation and characterisation of Salmonella, Shigella, Campylobacter & E. coli O157 from samples positive in the Enteric Bio assay	Manual method MIC/SOP/038



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures following UKHSA SMIs
Faeces	Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance	by concentration using Parasep system and manual microscopy MIC/SOP/038
Faeces	Detection of Rotavirus	Manual method MIC/SOP/038
CSF, ascitic and peritoneal fluids	Quantification of white and red blood cells and bacteria	by manual microscopy MIC/SOP/033 and MIC/SOP/045
Fluids, isolated colonies	Presence of significant organisms	Manual light microscopy MIC/SOP/039 and MIC/SOP/045
Pure culture of isolates	Identification of clinically relevant isolates	in conjunction with manufacturer's instructions for Biomerieux Vitek Maldi ToF MIC/SOP/061 and MIC/SOP/050
Pure culture of isolates	Characterisation of clinically relevant isolates	MIC/SOP/050, MIC/SOP/040, MIC/SOP/041
Swabs from nose, perineum and wound sites. Liquid swabs only	Isolation of MRSA	Semi-automated culture in conjunction with manufacturer's instructions for Copan/Biomerieux Wasplab MIC/SOP/067 and MIC/SOP/064
Respiratory samples sputum, bronchoalveolar lavage, tissue	Detection of microbial growth and isolation of Mycobacteria sp.	Manufacturer's instructions for MGIT automated system MIC/SOP/039
Homogenised respiratory samples and centrifuged urines	Detection of acid fast bacilli	Manual fluorescent microscopy (Auramine) or light microscopy (Ziehl Neelson) stain in conjunction with documented method MIC/SOP/039
Screening swabs Axilla, groin, nose and wounds	Isolation of S. aureus	Semi-automated culture in conjunction with manufacturer's instructions for Copan Wasplab MIC/SOP/067 and MIC/SOP/064



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<b>HUMAN BODY FLUIDS (cont'd)</b>	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following UKHSA SMI
Skin scrapings and nail clippings	General isolation and characterisation of fungi of clinical significance	Manual method using SOP MIC/SOP/043 by direct microscopy of KOH digested samples and culture on non-chromogenic selective media
Screening swabs –rectal swabs and faeces	Detection of carbapenemase producing organisms	Semi-automated culture in conjunction with manufacturer's instructions for Copan Wasplab MIC/SOP/067 and MIC/SOP/064
Clinical isolates from human tissue and body fluids	antimicrobial susceptibility testing and determination of minimum inhibitory concentration (MIC)	Manufacturer's instructions for Biomerieux Vitek2 and manual methods (EUCAST) MIC/SOP/042, MIC/SOP/047, MIC/SOP/048, MIC/SOP/050 and MIC/SOP/071
Genital samples	Examination for the presence of clinically significant bacteria and Trichomonas vaginalis	MIC/SOP/036, MIC/SOP/046, MIC/SOP/039, MIC/SOP/062 and manual microscopy
<b>HUMAN BODY FLUIDS (cont'd)</b>	<u>Serological examination activities for the purposes of clinical diagnosis</u>	
Serum unless otherwise specified:	Qualitative detection of:  Measles IgG antibody EBV IgG/IgM antibodies Varicella Zoster IgG antibody HIV Antigen/antibody Hepatitis B surface antigen Hepatitis C antibody  Quantitative detection of:  Anti Streptolysin O titre	In house documented methods in conjunction with manufacturer's instructions for Biomerieux Vidas:  MIC/SOP/030 and MIC/SOP/120 MIC/SOP/030 and MIC/SOP/120 MIC/SOP/030 and MIC/SOP/120 MIC/SOP/030 and MIC/SOP/123 MIC/SOP/030 and MIC/SOP/120 MIC/SOP/030 and MIC/SOP/130  Latex agglutination using Rheumajet ASO kit MIC/SOP/030



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HUMAN BODY FLUIDS (cont'd)	<u>Serological examination activities for the purposes of clinical diagnosis</u>	In house documented methods in conjunction with manufacturer's instructions for Biomerieux Vidas 3:
Serum/CSF	HIV Antigen/antibody Hepatitis B surface antigen	MIC/SOP/030 and MIC/SOP/123 MIC/SOP/030 and MIC/SOP/120
	Cryptococcal antigen	IMMY Latex Cryptococcal Antigen Detection System MIC/SOP/030
	Detection of antibodies to lipoidal material for screening for syphilis	RPR Reditest Biokit MIC/SOP/030
	<u>Molecular examination activities for the purposes of clinical diagnosis</u>	
	Detection of:	In house documented method in conjunction with manufacturer's instructions for Roche Cobas 6800/8800
Urine / Endocervical swabs	Chlamydia trachomatis /Neisseria gonorrhoeae	MIC/SOP/091 and MIC/SOP/057
Plasma	Quantitation of HIV Viral load	MIC/SOP/066
Serum /Plasma	Quantitation of Hepatitis C Viral load	MIC/SOP/066
Faeces	Detection of Norovirus Type I/II	In house documented method SOP MIC/SOP/094 in conjunction with manufacturer's instructions for Cepheid Infinity
END		