

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



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ISO 15189:2022

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

Issue No: 008 Issue date: 11 February 2025

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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
Department of Microbiology Pathology Centre C37, New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP United Kingdom  <b>Local contact</b> Susan Lovegrove	General isolation and characterisation of isolates of clinical significance:	A



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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
<b>HUMAN BODY FLUIDS</b>	<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	A
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:	A
Swabs from eyes, wounds, nose, throat, ears, genital sites.	General isolation and characterisation of microorganisms 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)	A
Swabs from human tissue and body fluids	Presence of white blood cells, organisms and epithelial cells	Manual Staining MIC/SOP/039	A



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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	
Swabs from genital samples	Detection of white blood cells, yeast cells and Trichomonas vaginalis	Wet prep Manual microscopy MIC/SOP/036	A
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	A
Urine	General isolation of micro-organisms of clinical significance	Documented in house method MIC/SOP/028 in conjunction with manufacturer's instructions for Copan/Biomerieux Wasplab MIC/SOP/067	A
Urine	Examination for the presence of parasites of clinical significance	MIC/SOP/038 by centrifugation and manual microscopy	A
Faeces	Isolation and characterisation of Salmonella, Shigella, Campylobacter & E. coli O157 from samples positive in the Enetic Bio assay	Manual method MIC/SOP/038	A



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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 SMI	
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	A
Faeces	Detection of rotavirus	Manual method MIC/SOP/038	A
CSF, ascitic and peritoneal fluids	Quantification of white and red blood cells and bacteria	by manual microscopy MIC/SOP/033 and MIC/SOP/045	A
Fluids, isolated colonies	Presence of significant organisms	Manual light microscopy MIC/SOP/039 and MIC/SOP/045	A
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	A
Pure culture of isolates	Characterisation of clinically relevant isolates	MIC/SOP/050, MIC/SOP/040, MIC/SOP/041	A
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	A



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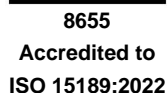
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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures following UKHSA SMLs	
Respiratory samples sputum, bronchoalveolar lavage, tissue	Detection of microbial growth and isolation of Mycobacteria sp.	Manufacturer's instructions for MGIT automated system MIC/SOP/039	A
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	A
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	A
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	A
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	A
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	A
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	A



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HUMAN BODY FLUIDS (cont'd)	<u>Serological examination activities for the purposes of clinical diagnosis</u>  HIV Antigen/antibody Hepatitis B surface antigen	In house documented methods in conjunction with manufacturer's instructions for Biomerieux Vidas 3:  MIC/SOP/030 and MIC/SOP/123 MIC/SOP/030 and MIC/SOP/120	A



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HUMAN BODY FLUIDS (cont'd)	<u>Serological examination activities for the purposes of clinical diagnosis</u>		
Serum/CSF	Cryptococcal antigen	IMMY Latex Cryptococcal Antigen Detection System MIC/SOP/030	A
	Detection of antibodies to lipoidal material for screening for syphilis	RPR Reditest Biokit MIC/SOP/030	A
	<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	A
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	A
END			