

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	The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services	
	Issue No: 010 Issue date: 05 February 2026	
	Department of Microbiology Pathology Centre C37 New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP United Kingdom	Contact: Katy New Tel: +44 (0)1902 07999 ext. 88247 E-Mail: katy.new@nhs.net Website: www.bcpathology.org.uk
Testing performed at the above address only		

Site activities performed away from the locations listed above:

Location details	Activity
Department of Biochemistry Pathology Centre C37 New Cross Hospital Wolverhampton Road Wolverhampton WV10 0QP	Management of Abbot Alinity automated immunoassay analyser



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS</p> <p>All liquid swabs, urines, wound drains and emulsified faeces samples</p>	<p><u>Microbiology examination activities for the purposes of clinical diagnosis</u></p> <p>General Isolation and characterisation of microorganisms of clinical significance</p>	<p>In-house documented procedures following current United Kingdom Health Security Agency (UKHSA) Standards for Microbiological Investigations (SMIs)</p> <p>COPAN / BioMerieux WASP (Walk Away Specimen Processor) system for inoculation, incubation and digital imaging of culture plates and documented procedures:</p> <p>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</p>
<p>Respiratory, tip and charcoal ear and urethral samples</p>	<p>General Isolation and characterisation of microorganisms of clinical significance</p>	<p>Manual inoculation followed by COPAN / BioMerieux WASP (Walk Away Specimen Processor) system for incubation and digital imaging of culture plates and documented procedures:</p>
<p>Swabs from eyes, wounds, nose, throat, ears, genital sites.</p>	<p>General isolation and characterisation of micro-organisms of clinical significance</p>	<p>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)</p>
<p>Swabs from human tissue and body fluids</p>	<p>Presence of white blood cells, organisms and epithelial cells</p>	<p>Manual Staining MIC/SOP/039</p>



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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
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/Biomerieux 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
Whole Blood	Processing of whole blood in blood culture bottles for the detection of growth of microorganisms of clinical significance	Automated culture using the Biomerieux BactAlert Virtuo analyser. MIC/SOP/032
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



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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
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
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



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Clinical isolates from human tissue and body fluids</p> <p>Genital samples</p>	<p><u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p>Antimicrobial susceptibility testing and determination of minimum inhibitory concentration (MIC)</p> <p>Examination for the presence of clinically significant bacteria and Trichomonas vaginalis</p>	<p>In-house documented procedures following UKHSA SMIs</p> <p>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</p> <p>MIC/SOP/036, MIC/SOP/046, MIC/SOP/039, MIC/SOP/062 and manual microscopy</p>



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HUMAN BODY FLUIDS (cont'd)	<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 Documented in-house methods to meet the requirements of the IDPS screening programme as defined in the NHS Infectious diseases in pregnancy screening: laboratory quality assurance evidence requirements (relevant targets marked with *)
Serum / Plasma	Detection of antibodies to *HIV *HBsAg *Syphilis HBsAb HBC Hep C HepA IgM HepA IgG CMV IgG CMV IgM Toxoplasma IgM Toxoplasma IgG Rubella IgG Rubella IgM	Abbot Alinity automated immunoassay MIC/SOP/069



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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	MIC/SOP/030 and MIC/SOP/123
	Hepatitis B surface antigen	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
Serum / Plasma	Quantitation of Hepatitis B Viral load	MIC/SOP/066
NPA, Viral Transport media	SARS-CoV-2 ORF1a/b and E gene	MIC/SOP/123
Faeces	Detection of Norovirus Type I/II	In house documented method SOP MIC/SOP/094 in conjunction with manufacturer's instructions for Cepheid Infinity



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HUMAN BODY FLUIDS (cont'd)	<u>Molecular examination activities for the purposes of clinical diagnosis</u> (cont'd)	
NPA, Viral Transport media	SARS-CoV-2/Flu/RSV Assay Multi Plex Assay SARS-CoV-2 Assay Single Plex and Multiplex E gene and N gene	Cepheid Infinity & Cepheid GeneXpert RT-PCR MIC/SOP/093
Rectal / perirectal swabs	Detection of Carbapenamase producing Enterobacteriaceae	Cepheid GeneXpert Infinity RT-PCR – MIC/SOP/092
Faeces	Detection of DNA of bacterial, and parasitic targets Gastro Panel 2 (GP2) assay: Salmonella enterica spp Shigella spp Enteroinvasive E. coli Campylobacter jejuni/coli/lari Cryptosporidium parvum/hominis Giardia lamblia Verotoxigenic E. coli (VTEC).	Serosep EntericBio PCR MIC/SOP/143
Faeces	Detection of C. difficile toxin B gene (tcdB)	Serosep EntericBio PCR MIC/SOP/143

END