


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 27301</p> <p>Accredited to ISO 15189: 2012</p>	<h3>West Suffolk NHS Foundation Trust</h3> <p>Issue No: 001 Issue date: 12 August 2024</p>	
	<p>Hardwick Lane Bury St Edmunds IP33 2QZ</p>	<p>Contact: Marcus Milner Tel: +44 (0) 1284 713069 E-Mail: marcus.milner@wsh.nhs.uk Website: http://www.wsh.nhs.uk/Home.aspx</p>
<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
HUMAN BODY FLUIDS/ TISSUE	<u>Microbiological examination activities for the purpose of clinical diagnosis</u>	In house documented methods based on UK Standards for Microbiology Investigations (UK SMIs) and incorporating manufacturers' instructions where relevant
Swabs (ear, nose, throat, eye, wound, genital tract), CSF, tissue, fluids, respiratory samples	<u>Isolation of microorganisms of clinical significance:</u>	SOP MIC-ALL-SOP-3 Manual inoculation and media culture <i>and</i>
	Genital tract pathogens	SOP MIC-ALL-SOP-18
	Lower Respiratory Tract Specimens	SOP MIC-ALL-SOP-9
	Skin, Ulcer and Superficial Wounds	SOP MIC-ALL-SOP-27
	Samples from Normally Sterile Sites	SOP MIC-ALL-SOP-50
	Cerebrospinal Fluid Samples	SOP MIC-ALL-SOP-20
	Throat Swabs	SOP MIC-ALL-SOP-24
	Tissue and Biopsy Specimens	SOP MIC-ALL-SOP-47
	Nose Swabs	SOP MIC-ALL-SOP-19
	Eye Swabs	SOP MIC-ALL-SOP-23
	Mouth Swabs	SOP MIC-ALL-SOP-25
	Ear Specimens	SOP MIC-ALL-SOP-26



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HUMAN BODY FLUIDS/ TISSUE (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods based on UK Standards for Microbiology Investigations (UK SMIs) and incorporating manufacturers' instructions where relevant
Swabs (nose, groin and wound)	Isolation and characterisation of Methicillin – resistant <i>Staphylococcus aureus</i>	Manual culture on chromogenic agar SOP MIC-ALL-SOP-52 Screening of MRSA
Whole blood	Detection of microbial growth and isolation of microorganisms of clinical significance	BioMerieux BacT/ALERT 3D Investigation of Blood Cultures SOP MIC-ALL-SOP-17 Investigation of Normally Sterile Fluids
Sputum/ Tissue/ Fluids	Microscopy for the detection of Acid fast bacilli	Staining and Light microscopy using Auramine- Phenol stain SOP MIC-ALL-SOP-55 Manual Identification and Staining Methods
Clinical isolates cultured in-house (bacteria, yeasts, fungi)	Identification of clinically significant microorganisms	BioMerieux Vitek 2 SOP MIC-ALL-SOP-28 Use and Maintenance of Vitek 2
Clinical isolates cultured in-house (bacteria, yeasts, fungi)	Identification of clinically significant microorganisms	Manual biochemical tests and staining Manual Identification Tests SOP MIC-ALL-SOP-55
Urine	Isolation and characterisation of microorganisms of clinical significance.	Manual culture on chromogenic agar SOP MIC-ALL-SOP-5 Investigation of Urine



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HUMAN BODY FLUIDS/ TISSUE (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods based on UK Standards for Microbiology Investigations (UK SMIs) and incorporating manufacturers' instructions where relevant
Faeces	<u>Isolation and characterisation of clinically significant microorganisms from the GI Tract:</u>	Manual culture and light microscopy, SOP MIC-ALL-SOP-36 Microscopy and Micrometry:
	Agglutination or Salmonella, Shigella and Vibrio	SOP-MIC-ALL-SOP-32 Faeces
	Vibrio, Aeromonas, Pleisiomonas and Yersinia	SOP-MIC-ALL-SOP-33
	Sensitivity Testing of E.coli	SOP MIC-ALL-SOP-34
	Coliforms, Shigella and Salmonella	SOP MIC-ALL-SOP-35
Clinical isolates cultured in-house (bacteria, yeasts)	Antimicrobial Susceptibility Testing (AST)	Automated using BioMerieux Vitek 2 (EUCAST) SOP MIC-ALL-SOP-8 Manual using disc diffusion & EUCAST guidelines SOP MIC-ALL-SOP-8 MIC Determination using Gradient Strips (EUCAST) SOP MIC-ALL-SOP-8
CSF/ Joint Fluid/ Peritoneal Fluid	Quantification and differentiation of white blood cells and red blood cell quantification	Manual using counting chamber and light microscopy SOP MIC-ALL-SOP-20 Examination of Cerebrospinal Fluid Samples SOP MIC-ALL-SOP-50 Investigation of Normally Sterile Fluids
Joint Fluid	Identification of calcium pyrophosphate and uric acid crystals	Polarised light microscopy SOP MIC-ALL-SOP-50 Investigation of Normally Sterile Sites



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HUMAN BODY FLUIDS/ TISSUE (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods based on UK Standards for Microbiology Investigations (UK SMIs) and incorporating manufacturers' instructions where relevant
Swabs (Female genital)	Diagnosis of Bacterial Vaginosis – genital tract specimen	Gram's stain and microscopy using Hays criteria SOP MIC-ALL-SOP-18 SOP MIC-ALL-SOP-55 Manual identification and staining methods
Skin scraping/ Nail clippings/ Hair samples	Isolation and identification of fungi of clinical significance. Presence or absence of fungal elements	Manual microscopy using Calcofluor staining, culture and macroscopic examination Light microscopy Wet film microscopy SOP MIC-ALL-SOP-15
Faeces	Detection of <i>Clostridioides difficile</i> Glutamate Dehydrogenase	r-Biopharm RIDASCREEN® Clostridium difficile GDH ELISA Immunoassay SOP MIC-ALL-SOP-54
Faeces	Detection of <i>Clostridioides difficile</i> Toxin	r-Biopharm RIDASCREEN® Clostridium difficile Toxin A/B ELISA Immunoassay SOP MIC-ALL-SOP-54
Faeces	Detection of <i>Helicobacter pylori</i> faecal antigen	r-Biopharm RIDASCREEN® Helicobacter ELISA Immunoassay t SOP MIC-ALL-SOP-31
Faeces	Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance	Apacor Parasep faecal concentrator kit and light microscopy. SOP MIC-ALL-SOP-6
Swabs (nose)	Detection of: Influenza A virus Influenza B virus Respiratory Syncytial virus	PCR using Cepheid GeneXpert and Flu/RSV RT SOP MIC-ALL-SOP-4
Faeces	Detection of Norovirus antigen GI/GII	r-Biopharm RIDAQuick Norovirus SOP MIC-ALL-SOP-42 Testing and Reporting Norovirus



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<p>HUMAN BODY FLUIDS/ TISSUE (cont'd)</p> <p>Serum</p> <p>Urine</p>	<p><u>Virological examination activities for the purpose of clinical diagnosis</u></p> <p>Detection of: HBs Ag ** HBc Ab Anti- HBs HIV Antigen HIV Antibody ** Hepatitis C Antibody Rubella IgG Syphilis Antibody ** CMV IgG CMV IgM VZV IgG Toxoplasma gondii IgG Toxoplasma gondii IgM Bordetella pertussis IgG Measles IgG EBV VCA IgG EBV VCA IgM EBNA IgG Borrelia burgdorferi IgM Borrelia burgdorferi IgG Parvovirus IgM Parvovirus Ig G</p> <p>Detection of <i>Legionella pneumophila</i> serogroup 1 and <i>Streptococcus pneumoniae</i> antigen</p>	<p>In house documented methods based on UK Standards for Microbiology Investigations (UK SMIs) and incorporating manufacturers' instructions where relevant</p> <p>** Documented in house methods to meet the requirements of the Infectious Diseases in pregnancy Screening (IDPS) as defined in the July 2018 'NHS Infectious Diseases in Pregnancy Programme: laboratory quality assurance evidence requirements'</p> <p>Diasorin Liaison XL using chemiluminescent immunoassay SOP MIC-ALL-SOP-37 SOP for Diasorin Liaison XL</p> <p>Immunochromatography using Alere BinaxNOW Legionella pneumophila urinary antigen card by lateral flow immunoassay Alere BinaxNOW Streptococcus pneumoniae urinary antigen card by lateral flow immunoassay SOP MIC-ALL-SOP-48 Serology SOP for Legionella and Pneumococcal Urinary Antigen</p>



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Faeces	Detection of DNA from <i>Salmonella spp.</i> <i>Shigella spp.</i> <i>Campylobacter spp.</i> <i>Escherichia coli</i> STEC <i>Cryptosporidium spp.</i> <i>Giardia lamblia</i>	DNA detection using Serosep EntericBio SOP MIC-ALL-SOP-2 Molecular Detection of Gastroenteritis using Serosep EntericBio
Faeces	<u>Molecular examination activities for the purpose of clinical diagnosis</u> Detection of <i>Clostridioides difficile</i> toxin gene (tcdB)	RT PCR Serosep EntericBio Codify assay SOP MIC-ALL-SOP-54 Detection of <i>Clostridioides difficile</i>
END		