


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9734</p> <p>Accredited to ISO 15189:2012</p>	<p>Frimley Health NHS Foundation Trust</p> <p>Issue No: 005 Issue date: 25 January 2022</p>	
	<p>Department of Microbiology Pathology Department Wexham Park Hospital Wexham Slough SL2 4HL</p>	<p>Contact: Governance/Quality Department Tel: +44 (0) 1276 522194 / 1276 522541 / 1276 522175 E-Mail: fph-tr.bspsquality@nhs.net Website: http://www.nhspathology.fph.nhs.uk</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
<p>HUMAN TISSUES AND FLUIDS</p> <p>Routine samples: Aspirates Cellular and fluid material contained on swabs, catheter tips and intrauterine contraceptive devices CSF Faeces Fluids Genital samples Pus Samples from sterile sites Semen Tissues Sputum</p>	<p><u>Microbiological examination activities for the purpose of clinical diagnosis</u></p> <p>Isolation of microorganisms of clinical significance</p>	<p>In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMI's)</p> <p>Manual or automated inoculation, followed by culture and image capture using:</p> <p>BD Kiestra TLA (Total Laborator Automation) Kiestra SOP MIC-WPH-SOP-57 Investigation of superficial wound swabs including surgical swabs MIC-WPH-SOP-45</p> <p>Investigation of eye, ear and nose specimens MIC-WPH-SOP-43</p> <p>Investigation of deep wounds, tissue, pus, exudate and tips MIC-WPH-SOP-42</p> <p>Investigation of bile MIC-WPH-SOP-41</p> <p>Investigation of peritoneal/ascetic fluid, amniotic fluid, pericardial fluid and continuous ambulatory peritoneal dialysis (CAPD) MIC-WPH-SOP-46</p>



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Routine samples: (cont'd) Aspirates Cellular and fluid material contained on swabs, catheter tips and intrauterine contraceptive devices CSF Faeces Fluids Genital samples Pus Samples from sterile sites Semen Tissues Sputum</p>	<p><u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Isolation of microorganisms of clinical significance (cont'd)</p>	<p>In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMI's)</p> <p>Manual or automated inoculation, followed by culture and image capture using: BD Kiestra TLA (Total Laboratory Automation) Kiestra SOP MIC-WPH-SOP-57</p> <p>Respiratory procedures MIC-WPH-SOP-31</p> <p>Investigation of CSF MIC-WPH-SOP-13 and MIC-WPH-SOP-14</p> <p>Investigation of genital samples MIC-WPH-SOP-44 Gum clinic procedures MIC-WPH-SOP-62</p> <p>Enteribio for faecal investigation MIC-WPH-SOP-21</p>
<p>Cellular and fluid material contained on swabs</p>	<p>Screening for:</p> <p>Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA)</p> <p><i>Staphylococcus aureus</i></p> <p>Vancomycin-resistant enterococci VRE</p>	<p>Manual or automated inoculation, incubation and image capture of chromogenic culture media as above and using:</p> <p>MRSA isolation and culture using chromogenic agar MIC-WPH-SOP-64</p> <p>Staph isolation and culture using chromogenic agar MIC-WPH-SOP-81</p> <p>Routine screening of VRE using Oxoid brilliance VRE agar MIC-WPH-SOP-79</p>



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMI's)
Faeces Rectal Swabs	Screening for Carbapenemase Producing Enterobacteriaceae (CPE)	Manual or automated inoculation, incubation and image capture of chromogenic culture media as above and using: Laboratory Detection of Carbapenemase-Producing Bacteria MIC-WPH-SOP-76
Urine	Detection, identification and quantification of: White blood cells Red blood cells Yeasts Bacterial cells	Image capture and recognition using IRIS IQ-200 SPRINT urine analyser Investigation of urines MIC-WPH-SOP-03
Urine	Isolation of microorganisms of clinical significance	Manual or automated inoculation followed by culture using Mast Uri System Culture and sensitivity urines MIC-WPH-SOP-03
Blood	Isolation of microorganisms of clinical significance	Automated culture using Bactec FX liquid culture system BD Bactec FX WPH MIC-WPH-SOP-10 BD Bactec FX RBH MIC-WPH-SOP-11
CSF	Isolation of microorganisms of clinical significance	Manual inoculation and media culture as above Investigation of CSF MIC-WPH-SOP-13
Cerebrospinal fluid (CSF)	Detection, identification and quantification (inc. differential) of: White blood cells Red blood cells Bacterial cells	Microscopy and staining Gram Investigation of CSF MIC-WPH-SOP-13



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<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Aspirates Corneal scrapes Eye (specimens from) Fluids Tissues</p> <p>Cultures isolated in-house from all samples listed above</p> <p>Bacterial cultures isolated in-house from all samples listed above</p>	<p><u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells Yeast cells and fungal hyphae</p> <p>Identification of microorganisms of clinical significance</p> <p>Antimicrobial susceptibility testing of clinical significant bacteria</p>	<p>In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMI's)</p> <p>Staining (inc. Gram) and microscopic examination Staining procedures MIC-WPH-SOP-32</p> <p>Automated Matrix-assisted laser desorption/ionisation (MALDI-TOF) using Vitek MS and Vitek 2 MALDI Biotyper MIC-WPH-SOP-29 Vitek 2 MIC-WPH-SOP-39</p> <p>Manual disc diffusion and/or automated methods using EUCAST sensitivity method and Vitek 2 EUCAST sensitivity method MIC-WPH-SOP-63 Standard operating procedure of Vitek 2 MIC-WPH-SOP-39</p> <p>Gradient MIC determination by E-test E test for MIC determination MIC-WPH-SOP61</p> <p>Identification of ESBL MIC-WPH-SOP-80</p> <p>Identification of MBL MIC-WPH-SOP-75</p>



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMI's)
Cultures isolated in-house from all samples listed above	Identification of microorganisms of clinical significance	Manual enzymatic, biochemical, staining and microscopic methods MIC-WPH-SOP-26 MIC-WPH-SOP-27 MIC-WPH-SOP-55 MIC-WPH-SOP-56 MIC-WPH-SOP-66 MIC-WPH-SOP-67 MIC-WPH-SOP-68 MIC-WPH-SOP-69 MIC-WPH-SOP-70 MIC-WPH-SOP-71 MIC-WPH-SOP-72
Clear adhesive tape slides	Detection of <i>Enterobius vermicularis</i> larvae and ova	Microscopic examination using in house procedure Faecal Parasitology MIC-WPH-SOP-20
Urine	Detection of <i>Schistosoma haematobium</i> ova	Microscopic examination using in house procedure Concentration of urinary parasites MIC-WPH-SOP-19
Faeces	Detection of ova, cysts and parasites (OCP)	Concentration and light microscopic examination using Parasep method Faecal Parasitology MIC-WPH-SOP-20
Bile/jejunal/duodenal aspirate Liver abscess	Detection of ova, cysts and parasites (OCP)	Microscopic examination including wet preparation, using light microscopy Non-faecal parasites MIC-WPH-SOP-82



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Sputum Sterile site (body fluids (CSF, Pleural Fluids) Broncho alveolar washings Post mortem specimens Bone marrow Bone Urine Skin Tissue biopsies	Isolation and presumptive identification of Acid-alcohol fast bacilli (inc. <i>Mycobacterium</i> spp.)	Liquid culture using BD BacTec MGIT 960 followed by fluorescent/light microscopy Investigations of specimens of mycobacterium MIC-WPH-SOP-34 Staining procedures (Auramine and ZN staining) MIC-WPH-SOP-32
CAPD	Detection/Quantification of cells and differentiation polymorphs and lymphocytes, isolation and identification of clinically significant micro organisms	Light microscopy and staining (Gram and cell counts) MIC-WPH-SOP-46
Ascitic fluid	Detection/Quantification of cells and differentiation polymorphs and lymphocytes, isolation and identification of clinically significant micro organisms	Light microscopy and staining (Gram and cell counts) MIC-WPH-SOP-46
Faeces	Detection of <i>C. difficile</i> toxin A & B	Enzyme linked fluorescent assay using BiomerieuxVidas MIC-WPH-SOP-18
Respiratory samples	Detection and resistance of: <i>Mycobacterium tuberculosis</i> detection Rifampicin resistance	PCR using Cepheid GeneXpert MIC-WPH-SOP-34



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Respiratory samples	Detection of: Respiratory syncytial virus (RSV) Influenza A/B C.Difficile MRSA	Polymerase chain reaction using Cepheid GeneXpert MIC-WPH-SOP-22 MIC-WPH-SOP-97
Bacterial isolates	Detection of Carbapenamase producing organisms	Carba-R kit utilising Real-time PCR on Cepheid GeneXpert MIC-WPH-SOP-22 MIC-WPH-SOP-97
Faeces	Detection of: H.pylori antigen Rotavirus	Automated ELISA using the Launch DS2 MIC-WPH-SOP-17
Urine	Detection of <i>Legionella pneumophila</i> serotype 1 antigen	Manual immunochromatographic method using BinaxNOW Legionella Urinary Antigen card MIC-WPH-SOP-36



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Urine	Detection of <i>S.pneumoniae</i> antigen	Manual immunochromatographic method using BinaxNOW streptococcus pneumoniae antigen card MIC-WPH-SOP-37
Faeces	Detection of: Norovirus G1/G11 Salmonella Sp Shigella Sp Campylobacter jejuni/coli/lari Verocytotoxin e coli <i>Giardia lamblia</i> & <i>Cryptosporidium</i> antigens <i>C.Difficile</i> <i>GDH</i>	Using Enteric Bio and Roche 480 light cyclor PCR system MIC-WPH-SOP-21
END		