


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9896</p> <p>Accredited to ISO 15189:2022</p>	Birmingham Women's and Children's NHS Foundation Trust	
	Issue No: 007 Issue date: 25 March 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 TISSUES AND FLUIDS	<u>Microbiological examination activities for the purpose of clinical diagnosis</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating manufacturer's instructions where relevant
Urine	<u>General isolation of micro-organisms of clinical significance</u>	Isolation of micro-organisms of clinical significance from urine specimens Manual inoculation and culture:
Clinical material on swabs from: Ear Eye Mouth Nose Throat Skin/Wound Genital	General isolation of microorganisms of clinical significance	MICMB/SOP/001 MICMB/SOP/002 MICMB/SOP/004 MICMB/SOP/005 MICMB/SOP/009 MICMB/SOP/011 MICMB/SOP/013
Fluids: BAL/respiratory fluids CSF PDF Fluids from sterile sites Urine Pus and Exudates		MICMB/SOP/057 MICMB/SOP/010 MICMB/SOP/022 MICMB/SOP/025 MICMB/SOP/023 MICMB/SOP/026 MICUR/SOP/001 MICMB/SOP/016
Faeces		MICFAE/SOP/007
Intravascular cannulae and associated specimens		MICMB/SOP/020



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	Manual inoculation and culture: In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating manufacturer's instructions where relevant
Tissues and Biopsies	General isolation of microorganisms of clinical significance	MICMB/SOP/017 MICMB/SOP/042 MICMB/SOP/038 MICMB/SOP/044
Clinical material from rectal swabs, and faeces	Detection of ESBL, VRE and CRE	MICENV/SOP/008
Clinical material on swabs of nose, throat, groin, axilla, umbilical, mouth, wound.	Detection of MRSA and MSSA	Chromogenic culture for MRSA and MSSA MICENV/SOP/001
Whole blood	General isolation of microorganisms of clinical significance	Automated culture using BD Bactec FX 200 system MICBC/SOP/001
Faeces Bile Duodenal aspirates Jejunal aspirates	Detection of ova, cysts and parasites (OCP) including: Strongyloides stercoralis larvae, Giardia lamblia trophozoites Cyclospora cayetanesis oocysts Cystoisospora belli oocysts	Manual method: concentration (faeces only) and wet prep light microscopy with iodine where applicable MICFAE/SOP/009 MICIDS/SOP/001
Faeces	Detection of Cryptosporidium oocysts	Manual auramine stain (fluorescent microscopy) MICIDS/SOP/001 MICFAE/SOP/007 MICFAE/SOP/009
Clear adhesive tape slide Perianal swab	Detection of Enterobius vermicularis larvae and ova	Direct light microscopy MICIDS/SOP/001 MICFAE/SOP/007 MICFAE/SOP/009



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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 (SMIs) and incorporating manufacturer's instructions where relevant
Urine	Detection of Schistosoma haematobium ova	Manual method: concentration and wet prep light microscopy with iodine where applicable MICFAE/SOP/009 MICIDS/SOP/001
Urine	Automated urine analysis	Beckman Coulter IQ200 using auto-particle recognition MICUR/SOP/003
Clinical material on Recto-vaginal swabs and other genital swabs	Isolation of Group B Streptococci	Isolation of micro-organisms of clinical significance from genital specimens MICMB/SOP/013
Urine	Examination for white and red blood cells, cysteine crystals, epithelial cells, casts (hyaline, cellular, granular, RBC, Tubular epithelial, waxy, WBC), bacteria and yeasts	Manual urine microscopy using a flat-bottomed microtitre tray and light microscopy MICUR/SOP/001
CSF	Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells	Manual cell count using counting chamber and light microscopy MICMB/SOP/025
Faeces	Detection of Clostridium difficile GDH antigen and toxins A & B	Glutamate dehydrogenase and toxin A/B detection by rapid membrane enzyme immunoassay (Techlab Cdiff Quik Chek Complete) Toxin A/B detection by ELISA (Techlab C.Difficile TOX A/B II) MICFAE/SOP/005
Cultures isolated in-house from all samples listed above	Identification of clinically significant bacteria	Manual biochemical, enzymatic, agglutination, staining & microscopic methods MICIDS/SOP/001



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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 (SMIs) and incorporating manufacturer's instructions where relevant:
Cultures isolated in-house from all samples listed above	Identification of clinically significant microorganisms'	Automated Bruker Automated Matrix-assisted laser desorption/ionisation (MALDI-TOF and Sepsityper) MICIDS/SOP/003
	Antimicrobial susceptibility testing of clinically significant bacteria	Manual disc diffusion and gradient MIC determination by E-test using EUCAST methodology. MICIDS/SOP/037 MICIDS/SOP/034
Whole blood. Cultures isolated in-house from all samples listed above. Intravascular cannulae and associated specimens	Differentiation between gram positive/negative/variable, branching organisms, yeast and fungal hyphae	Manual gram stain (light microscopy) MICIDS/SOP/001
Fluid: BAL	Differentiation between gram positive/negative/variable, branching organisms, yeast, fungal hyphae, presence of pus cell and epithelial cells	Manual gram stain (light microscopy) MICIDS/SOP/001
Clinical material on swabs of mouth and throat	Presence of Vincent's organisms	Manual gram stain (light microscopy) MICIDS/SOP/001
Clinical material on swabs of ear, eye, nose, skin/wound, pus/exudate Fluids: Pus and Exudates, Fluids from sterile sites, PDF, CSF and CSF shunts, respiratory Tissues and Biopsies	Differentiation between gram positive/negative/variable, branching organisms, yeast, fungal hyphae and presence of pus cells	Manual gram stain (light microscopy) MICIDS/SOP/001
Whole blood EDTA	Molecular examination activities for the purpose of quantitation of viral load – Adenovirus PCR	Automated EliTech Group Elite Ingenius analyser MICVIR/SOP/006No



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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 (SMIs) and incorporating manufacturer's instructions where relevant:
Vomit, Faeces	Molecular Norovirus DNA detection	Rapid detection of Norovirus G1 and G2 using Cepheidi Xpert Norovirus MICGEN/SOP/047
Rectal swabs, identification from clinical isolate	Molecular carbapenamase detection	Rapid detection of resistance mechanisms using Cepheid CPE
Nose swabs	Rapid detection of MRSA/MSSA	Rapid detection of MRSA and MSSA using Cepheid GeneXpert Xpert SA Nasal complete and Xpert PCR equipment - MICGEN/SOP/045
Faeces	Rapid detection of GI pathogens	Rapid detection using Biomerieux Filmarray GI Panel MICVIR/SOP/003
Clinical material from nasopharyngeal swabs	Rapid molecular detection of respiratory pathogens	Rapid detection using Biomerieux Filmarray RP panel MICVIR/SOP/033
CSF	Rapid molecular detection of CSF pathogens	Rapid detection using Biomerieux Filmarray ME panel MICVIR/SOP/002
Clinical material from nasopharyngeal swabs	Rapid detection of Influenza, RSV and SARS-CoV-2	Rapid detection using Cepheid Xpert Respiratory MICVIR/SOP/032
Clinical material from nasopharyngeal swabs	Rapid detection of SARS-Cov-2, RSV, Influenza	Rapid detection using ID-Now MICVIR/SOP/078
Clinical material from throat swabs	Rapid molecular detection of Group A streptococci	Rapid detection using ID-Now MICVIR/SOP/078
Clinical material from vulvo-vaginal swabs, endocervical swabs, urine, urethral swab (using Gen-probe Aptima collection tube)	Detection of Chlamydia trachomatis and Neisseria gonorrhoeae Rrna	Target amplification nucleic acid probe test for ribosomal RNA of CT-GC detection – Automated Hologic Gen-probe Panther Kit Aptima Combo 11 for CT-GC assay MICVIR/SOP/001



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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 (SMIs) and incorporating manufacturer's instructions where relevant:
Whole Blood EDTA	Molecular examination activities for the purpose of quantitation of viral load – EBV DNA Quantification	Automated EliTech Group Elite Ingenius analyser MICVIR/SOP/006
Whole Blood EDTA	Molecular examination activities for the purpose of quantitation of viral load – CMV DNA Quantification	Automated EliTech Group Elite Ingenius analyser MICVIR/SOP/006
END		