


Schedule of Accreditation issued by United Kingdom Accreditation Service

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

 8803 Accredited to ISO 15189:2012	Dartford and Gravesham NHS Trust Issue No: 006 Issue date: 04 July 2024	
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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 BODY FLUIDS AND TISSUES Swabs (nose, groin, throat, wound) and urine Sputum, bronchoalveolar lavage, pleural fluids, aspirates, washings and brushings, cerebrospinal fluid, pus, swabs, blood, bone marrow, urine, tissues and biopsies Faeces, swabs (throat, ear, nose, eye, wound, pernasal), bile, CSF, genital tract specimens, sterile body fluids, pus, tissues and biopsies, sputum, bronchoalveolar lavage, pleural fluids, aspirates, washings and brushings, swabs, blood, bone marrow	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> Isolation and identification of MRSA Isolation and presumptive identification of acid-alcohol fast bacilli (inc. <i>Mycobacterium</i> species) Isolation and identification of microorganisms of clinical significance	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant Manual culture using prepared manufacturers chromogenic agar plates Identification using manual biochemical methods SOP.MIC.40 Investigation of MRSA screening swabs based on PHE SMI B 29 BacT/Alert 3D using MP and MB liquid growth media Microbiology 6000 Investigation of specimens for <i>Mycobacterium</i> species based on PHE SMI B 40 Manual culture using prepared manufacturers agar plates including chromogenic media Manual gram stain SOP.MIC.71 Identification using manual biochemical methods



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Faeces, swabs (throat, ear, nose, eye, wound, pernasal), bile, CSF, genital tract specimens, sterile body fluids, pus, tissues and biopsies, sputum, bronchoalveolar lavage, pleural fluids, aspirates, washings and brushings, swabs, blood, bone marrow. (cont'd)</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Isolation and identification of microorganisms of clinical significance (cont'd)</p>	<p>In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant</p> <ul style="list-style-type: none"> • Microbiology 7236 Investigation of genital tract and associated specimens based on PHE SMI B 28 • SOP.MIC.23 Antimicrobial susceptibility Testing using disc diffusion following EUCAST guidelines • Microbiology 7218 Investigation of sputum and associated specimens based on PHE SMI B 57 • Microbiology 7220 Investigation of faeces based on PHE SMI B 30. • SOP.MIC.74- Investigation of throat swabs based on PHE SMI B 9 • SOP.MIC.74- Investigation of ear swabs based on PHE SMI B 1 • SOP.MIC.74- Investigation of nose swabs based on PHE SMI B 5 • SOP.MIC.74- Investigation of eye swabs based on PHE SMI B 2 • SOP.MIC.43 Investigation of wound swabs and associated specimens based on PHE SMI B 11, 14 and 17 • SOP.MIC.75 Investigation of bile based on PHE SMI B 15 • SOP.MIC.77 Investigation of sterile fluids based on PHE SMI B 26



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Faeces, swabs (throat, ear, nose, eye, wound, pernasal), bile, CSF, genital tract specimens, sterile body fluids, pus, tissues and biopsies, sputum, bronchoalveolar lavage, pleural fluids, aspirates, washings and brushings, swabs, blood, bone marrow</p> <p>Whole blood</p> <p>Cultures grown in house and directly from positive blood cultures from the above</p> <p>Faeces</p> <p>Faeces</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Antibiotic susceptibility testing of bacteria of clinical significance</p> <p>Isolation and identification of microorganisms of clinical significance</p> <p>and</p> <p>Antibiotic susceptibility testing of bacteria of clinical significance</p> <p>Identification of clinically significant bacteria and yeasts</p> <p>Detection of Helicobacter pylori antigen</p> <p>Detection of Clostridium difficile toxin and Clostridium difficile GDH</p>	<p>In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant.</p> <p>Antimicrobial susceptibility testing using disc diffusion following EUCAST guidelines SOP.MIC.23</p> <p>SOP.MIC.51 Investigation of blood cultures based on PHE SMI B 37 using Virtuo analyser (liquid culture)</p> <p>Use of Grams stain SOP.MIC.71</p> <p>Identification using manual biochemical methods</p> <p>AST disc diffusion following EUCAST guidelines supplemented by gradient MIC tests where necessary SOP.MIC.23</p> <p>SOP.MIC.9 Use of the MALDITOF using Automated Matrix-assisted laser desorption/ionisation time of flight mass spectrophotometer (MALDITOF)</p> <p>SOP.MIC.76 Detection of Helicobacter pylori antigen in faeces based on PHE SMI B 55 using DS2 by EIA SOP.MIC.64</p> <p>SOP.MIC.34 Detection of Clostridium difficile toxin in faeces based on PHE SMI B 10 using DS2 by EIA SOP.MIC.64</p>



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods based on related UK Standards for Microbiology Investigations (SMIs), incorporating manufacturers' instructions where relevant.
Faeces	Detection and identification of helminths, nematodes, flukes, parasitic larvae, protozoa, ova, eggs, ectoparasites, and cysts of clinical significance	Using faecal concentration method followed by microscopy <ul style="list-style-type: none"> SOP.MIC.62 Investigation of parasites based on PHE SMI 31 Microbiology 7220 Investigation of faeces based on PHE SMI B 30
Urine	Detection, identification and quantification of red cells, white cells, epithelial cells, microorganisms and parasites of clinical significance	Automated screening using Menarini Sedimax. <ul style="list-style-type: none"> Investigation of urine SOP.MIC.65 based on PHE SMI B 41
Urine	Isolation and identification of microorganisms of clinical significance and Antibiotic susceptibility testing of bacteria of clinical significance	Manual culture using prepared manufacturers agar plates including chromogenic media Manual gram stain Antimicrobial susceptibility testing using disc diffusion following EUCAST guidelines Identification using manual biochemical methods <ul style="list-style-type: none"> Investigation of urine SOP.MIC.65 based on PHE SMI B 41 Antimicrobial susceptibility testing. Identification using manual biochemical methods



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Serology examination activities for the purpose of clinical diagnosis</u>	Documented in-house methods using analysers specified
	Rheumatoid IgM antibody	ELISA using DS2 SOP.MIC.64 Rheumatoid IgM antibody: SOP.MIC.53
Serum/plasma	Detection of Hepatitis B surface antigen VZV IgG antibody HIV 1/2 confirmation	ELFA using VIDAS SOP.MIC.67
Serum	Qualitative and semiquantitative determination of ASO	Manual Latex agglutination using Biokit Rheumoject SOP.MIC.68
Nasopharyngeal aspirate	Detection of RSV antigens (fusion protein or nucleoprotein)	Manual Immunochromatography using Meridian TRU SOP.MIC.35
Nasopharyngeal aspirate	Detection of RSV antigens (fusion protein or nucleoprotein)	Manual Immunochromatography using Meridian TRU SOP.MIC.35
Urine	Detection of <i>Legionella pneumophila</i> serogroup 1 antigen	Manual Immunochromatography using BinaxNow Legionella kit SOP.MIC.38
Urine	Detection of pneumococcal antigen.	Manual Immunochromatography using BinaxNow Strep pneumoniae kit SOP.MIC.3
Faeces	Qualitative determination of rotaviruses and/or adenoviruses	Manual Immunochromatography using Biopharm Ridaquick Adeno/Rota Combi -SOP.MIC.78



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HUMAN BODY FLUIDS AND TISSUES (cont'd) Joint fluids	<u>Miscellaneous Tests</u> Detection and identification of birefringent crystals	Documented in-house methods using analysers specified Manual polarising microscopy -SOP.MIC.77 Investigation of sterile fluids based on PHE SMI B 26 IDOC.MIC.170
END		