


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 8839</p> <p>Accredited to ISO 15189:2012</p>	<h3>Bedfordshire Hospitals NHS Foundation Trust</h3> <p>Issue No: 009 Issue date: 02 January 2021</p>	
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<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 intra-uterine contraceptive devices Fluids Tissues</p> <p>Cultures isolated in-house from routine & blood samples listed above</p> <p>Aspirates Corneal scrapes Eye (specimens from) Fluids Tissues Cultures isolated in-house from samples listed above</p>	<p><u>Microbiological examination activities for the purpose of clinical diagnosis</u></p> <p>Isolation of microorganisms of clinical significance</p> <p>Identification of microorganisms of clinical significance</p> <p>Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells Yeast cells and fungal hyphae</p>	<p>In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)</p> <p>Manual inoculation of selected culture media using in-house procedures: BED-SOP-151</p> <p>Manual biochemical methods using in-house procedures: BED-SOP-25 BED-SOP-50 BED-SOP-51 BED-SOP-68 BED-SOP-152 BED-SOP-153 BED-SOP-837</p> <p>Staining (inc. Gram) and microscopic examination using in-house procedure: BED-SOP-701</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 PHE SMIs
Urine	Isolation of microorganisms of clinical significance	Manual inoculation of culture media, using in-house procedures: BED-SOP-18
Cultures isolated in-house from urine samples	Identification of microorganisms of clinical significance	Manual biochemical methods using in-house procedures: BED-SOP-150
Respiratory samples: Bronchoalveolar lavage Bronchial aspirate, brushings & washings Endotracheal tube specimen Pleural fluid Sputum	Isolation of microorganisms of clinical significance (inc. <i>Legionella</i> spp.)	Manual inoculation of culture media, using in-house procedures: BED-SOP-17
Cultures isolated in-house from respiratory samples listed above	Identification of microorganisms of clinical significance	Manual biochemical methods using in-house procedures: BED-SOP-17
Faeces	Isolation of bacterial pathogens: <i>Campylobacter</i> spp. <i>Clostridium difficile</i> <i>Escherichia coli</i> O157 <i>Salmonella</i> sp. <i>Shigella</i> spp. <i>Vibrio</i> spp. <i>Yersinia</i> spp.	Manual inoculation of culture media, using in-house procedures: BED-SOP-11
Cultures of faecal bacterial pathogens isolated in-house	Identification of microorganisms of clinical significance	Manual biochemical methods using in-house procedures: BED-SOP-11



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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 PHE SMI
Bacterial cultures isolated in-house from all samples listed above	Antimicrobial susceptibility testing of clinically significant bacteria	Disc diffusion and gradient minimum inhibitory concentration determination using the latest European Committee on Antimicrobial Susceptibility Testing (EUCAST) methodology an in-house procedure: BED-SOP-91
Urine	Detection of <i>Legionella pneumophila</i> serotype 1 antigen	Membrane immunochromatographic assay using in house procedure: BED-SOP-88 in conjunction with manufacturer's instructions using Binax Now
Urine	Detection of <i>Streptococcus pneumoniae</i> soluble antigen	Membrane immunochromatographic assay using in house procedure: BED-SOP-88 in conjunction with manufacturer's instructions using Binax Now
Aspirates Fluids Sputum Tissue Urine	Isolation and presumptive identification of Acid-alcohol fast bacilli (inc. <i>Mycobacterium</i> spp.)	Manual culture using Löwenstein-Jensen media and/or automated liquid culture, followed by auramine phenol staining and incident-light fluorescence microscopic examination using in-house procedures: BED-SOP-58 BED-SOP-121 In conjunction with manufacturer's instructions using BacTec MGIT 960



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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 PHE SMI
Faeces	Detection of ova, cysts and parasites (OCP)	Unstained and iodine stained direct microscopic examination and/or Formol-ether faecal concentration and microscopic examination using in-house procedure: BED-SOP-38
Faeces	Detection of <i>Cryptosporidium</i> oocysts	Auramine phenol staining and incident-light fluorescence microscopic examination using in-house procedure: BED-SOP-38
Clear tape slide Perianal swab	Detection of <i>Enterobius vermicularis</i> larvae and ova	Microscopic examination using in-house procedure: BED-SOP-38
Urine	Detection of <i>Schistosoma haematobium</i> ova	Microscopic examination using in-house procedure: BED-SOP-38
Bile Duodenal aspirates Jejunal aspirates	Detection of OCP including: <i>Strongyloides stercoralis</i> larvae, <i>Giardia lamblia</i> trophozoites <i>Cryptosporidium</i> oocysts <i>Cyclospora cayentanesis</i> oocysts <i>Cystoisospora belli</i> oocysts	Auramine phenol staining and incident-light fluorescence, Ziehl-Neelsen, iodine staining as appropriate and microscopic examination using in-house procedure: BED-SOP-38
Female genital tract swabs	Detection of <i>Trichomonas vaginalis</i> ova	Culture and microscopic examination using in-house procedure: BED-SOP-25
Female genital tract swabs	Microscopic diagnosis of bacterial vaginosis	Gram stained microscopic examination against Hay's criteria using in-house procedure: BED-SOP-876
Faeces	Detection of Rotavirus and Adenovirus antigens	Membrane immunochromatographic assay using in-house procedure: BED-SOP-94



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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 PHE SMIs
Faeces	Detection of <i>Clostridium difficile</i> glutamate dehydrogenase and Toxins A & B	Membrane immunochromatographic assay using in-house procedure: BED-SOP-108 in conjunction with manufacturer's instructions using C diff QUIK CHEK Complete
Faeces	Detection of <i>Helicobacter pylori</i> antigen	Automated sandwich enzyme immunoassay using in-house procedure: BED-SOP-930 In conjunction with manufacturer's instructions using Dynex DS2 and Amplified IDEIA™ Hp StAR™
Nasopharyngeal aspirates & swabs Nasal washes	Detection of Respiratory Syncytial Virus fusion protein antigen	Membrane immunochromatographic assay using in-house procedure: BED-SOP-89 In conjunction with manufacturer's instructions using Binax NOW
Urine Endocervical swabs Male urethral swabs Vaginal swabs	Detection of <i>Chlamydia trachomatis</i> and <i>Neisseria gonorrhoeae</i> ribosomal RNA	Nucleic acid amplification technique (NAAT) using in-house procedure: BED-SOP-856 in conjunction with manufacturer's instructions using: Hologic Gen-Probe Panther system and APTIMA Combo CT/GC assay
END		