


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2012</p>	<h3>Stockport NHS Foundation Trust</h3> <p>Issue No: 003 Issue date: 24 June 2020</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>Genital Samples (HVS,LVS,cervical, endo cervical swabs, IUCD's, vulval swabs, semen, penile, sub prep swabs, placental swabs and tissue)</p> <p>Non Genital Samples (Swabs from wounds, orthopaedic and prosthetic sites, ear,nose and throat, eyes , pernasal , ulcers, pus, line tips and tissue samples, vitreous taps)</p> <p>Respiratory samples (Sputum, pleural fluids, bronchial washings, NBAL, NPA and ET tubes)</p> <p>Sterile Fluids (CSF, Ascitic fluids , peritoneal fluids, joint/synovial fluids, sterile body fluids)</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 (SMIs)</p> <p>Inoculation and incubation of selective and non-selective agar. Examination of cultures for clinically significant organisms MISB0009 Urogenital SOP</p> <p>Inoculation and incubation of selective and non-selective media, solid and liquid, Examination of cultures. MISB0029 Wound Specimen Processing SOP MISBB0032 Ear Nose and Throat SOP. MISB002 Wound SOP MISB0025 Ocular SOP</p> <p>Inoculation and incubation of selective and non-selective media, solid and liquid, Examination of cultures. MISB005 Investigation of respiratory samples</p> <p>Inoculation and incubation of selective and non-selective solid and liquid media. Examination of cultures MISB0011 CSF SOP MISB002 Wound SOP</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 (SMIs)
Urine	Isolation of microorganisms of clinical significance (cont'd)	Automated Menarini Sedimax urine analyser. MISB0049 Sedimax SOP Manual microscopy Light microscopy using an inverted microscope Semi quantitative inoculation of UTI chromogenic media. Identification of bacteria. MISB0008 Urine SOP
Whole Blood		Biomerieux BacT/ALERT Continuous monitoring system. Detection of CO2 produced by micro organisms MISB0033 BacT/ALERT SOP
Sterile fluids (CSF, Ascitic fluids Joint/Synovial fluids)	White and red blood cells (quantification & differentiation) Microorganisms	Manual count using Fuchs Rosenthal counting chamber MISB0011 CSF SOP MISB002 Wound SOP Gram stain using light microscopy to detect the presence of bacteria/fungi MISB050 Microbiology Staining SOP
Faeces	Isolation and detection of enteric pathogens.	Standard bacterial culture identification & microscopy MISB0004 Faeces SOP
Faeces	Testing for the presence of C.difficile	PCR for C difficile toxin B & Binary toxin using Cepheid GeneXpert MISB0059 Cepheid MISB0053 C difficile testing by Cepheid GeneXpert Automated Alere DS2 enzyme immunoassay (Techlab) MISB0052 Microbiology DS2 Instrument operation



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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)
Faeces	Detection of Helicobacter pylori antigen	Alere DS2 enzyme immunoassay (Oxoid) kit MISB0052 Microbiology DS2 Instrument operation MISB0054 H pylori Antigen Detection
Urine	Detection of Legionella antigen	Immunochromatographic assay MISPT048 BinaxNOW Legionella Urinary Antigen Test
Urine/ CSF	Detection of pneumococcal antigen	Immunochromatographic assay MISPT047 BinaxNOW STPN Antigen
Faeces	Examination for the presence of ova, cysts and parasites.	Direct microscopy after faecal concentration. Using a direct wet film/ faecal parasite. Light microscopy using an Auramine stain. Modified ZN Cyclospora MISB0004 Faeces SOP MISB050 Microbiology Staining SOP Screening test for Cryptosporidium/Giardia lamblia by Automated (Alere) DS2 Enzyme Immunoassay. MISBB0052 Microbiology DS2
Genital Samples (HVS/ LVS, cervical, endocervical and penile swabs)	Detection of Trichomonas vaginalis and Clue cells (Bacterial vaginosis) and Yeasts	Fluorescent microscopy using Acridine orange stain. Clue cells (BV) confirmed with a Gram stain using light microscopy. MISB0009 Urogenital SOP MISB050 Microbiology Staining SOP
Sputa, bronchial washings, sterile fluids, bone, tissue and pus	Direct detection of Acid Fast Bacilli in clinical samples	Fluorescent microscopy using Auramine phenol stain confirmation of positives with ZN stain using light microscopy MISB039



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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)
Genital Samples (HVS/ LVS, cervical, endocervical and penile swabs)	Identification/differentiation of bacteria /Yeasts	Light microscopy using Gram stain /unstained wet films MISB050 Culture on selective and non-selective fungal media. Macroscopic and microscopic identification of significant isolates using stain/light microscopy MISB0014 Mycology SOP Chromogenic Candida medium MISB0014
Skin, hair, nail	Direct microscopy for the presence/absence of fungal hyphae	Fluorescent microscopy using KOH and calcofluor white stain
Urine	Detection of Schistosoma haematobium ova	Manual microscopy MISB0004 Faeces SOP
Swabs, nose, perineum, other sites on request	MRSA Screening	Selective Chromogenic culture media MISB0047 MRSA Screening
Rectal Swab/ Faeces	CPE Screening	Selective Chromogenic culture media for the detection of Carbapenemases MISB002 Wound SOP PCR using Cepheid GeneXpert MISB0059
Rectal swabs	Carbapenemase resistance gene detection	Cepheid Xpert Carba-R Kit
NPA ,nose and throat samples in viral transport media	Detection of Influenza and RSV	Cepheid Xpert Xpress Flu / RSV Kit
Faeces	Detection of Norovirus	Cepheid Xpert Norovirus Kit



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Nasal Swabs, Throat Swabs, Nasopharyngeal Swabs and Nasopharyngeal washes in viral transport media	Detection of SARS CoV-2 virus RNA (COVID-19) specific gene sequences: E, N2	Cepheid GeneXpert Xpert® Xpress SARS-CoV-2 test
<p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Bacterial Isolates</p> <p>Whole Blood</p>	<p><u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Identification of pathogens</p> <p>Identification /differentiation of bacterial/fungal growth using light microscopy</p>	<p>In house documented procedures following current Public Health England (PHE) standards for Microbiological investigations (SMIs)</p> <p>Biomerieux API MISPT049 Identification of Organisms SOP</p> <p>Latex agglutination (Bio Rad) Latex agglutination Grouping (Prolab) Phadebact Latex agglutination Strep pneumoniae (Welcogen) latex agglutination kit PBP2 Penicillin binding protein latex agglutination. Detect methicillin resistance (Alere)</p> <p>Latex agglutination MISPT049 Identification of Organisms SOP</p> <p>Single use enzymatic test, hydrolysis of single substrates Catalase, Oxidase, Urease, Tributyrin, DNase, Tube coagulase MISPT049 Identification of Organisms</p> <p>Sub culture and incubation of positive bottles on solid media MISB0006 Blood culture SOP</p> <p>Identification /differentiation of bacterial/fungal growth using light microscopy (Gram stain) MISB0006 Blood culture SOP MISB050 Microbiology Staining SOP</p>



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	Rapid detection of Staph aureus	Binax NOW Staph Immuno chromatic assay for the detection of Staph aureus direct from a blood culture bottle MISPT051 Binax NOW Staphylococcus aureus test
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)
Bacterial and Yeasts Isolates	Antibiotic Sensitivity Testing and Bacterial/Yeast Identification	Automated Biomerieux Vitek 2 Advanced colorimetry identification technique , matches a profile to a database. Vitek ID cards GP,GN,ANC,NH and YST.Sensitivity testing using AST cards MIC and phenotypic detection of resistance mechanisms. MISB0044 Vitek 2 SOP
Bacterial Isolates	Antibiotic sensitivity testing of bacterial isolates	Disc diffusion to EUCAST method, MICE and MIC testing strips MISPB0013 Sensitivity SOP
Bacterial Isolates	Detection of enzymatic bacterial resistance mechanisms	Manual phenotypic detection of enzyme resistance mechanisms ROSCO Combination disc testing for detecting ESBL and Carbapenemases Chromogenic hydrolysis (Cefinase)for the detection of Beta lactamase Carbapenemases(Rapid Carba NP) MISPB0013 Sensitivity SOP
Bacterial Isolates	Antibiotic Sensitivity Testing and Identification to include: Strep pneumoniae Haemophilus influenzae Staph saprophyticus Anaerobes	Diagnostic disc Identification and Sensitivity to Optochin X+V dependency Novobiocin resistance Sensitivity to Metronidazole MISPB0013 Sensitivity SOP



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HUMAN BODY FLUIDS Semen	<u>Andrology examination activities for the purpose of clinical diagnosis</u> Motility analysis Total Sperm Count Sperm morphology Seminal analysis Post vasectomy	In house documented procedures following the WHO (2010) guidelines MISB0042 Seminal Fluid analysis Light microscopy, manual measurement of motile sperm Manual count of spermatozoa. Light microscopy using a Neubaur counting chamber Sperm morphology Light microscopy using a Papanicolau stain Light microscopy for the presence or absence of spermatozoa
END		