


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>	Wirral University Teaching Hospital NHS Foundation Trust	
	Issue No: 002 Issue date: 14 May 2019	
	Chester & Wirral Microbiology Service 11 Bassendale Road Wirral CH62 3QL	Contact: Mr Iain Green Tel: +44 (0)1244 363354 E-Mail: iain.green@nhs.net
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Chester & Wirral Microbiology Service 11 Bassendale Road Wirral CH62 3QL</p> <p>Local contact Mr Iain Green See above</p>	Full Microbiology diagnostic service including: Bacteriology Mycology Parasitology Serology Molecular testing	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>On Call Laboratory Pathology Arrowe Park Hospital Arrowe Park Road Wirral CH49 5PE</p> <p style="text-align: right;">Mr Iain Green</p>	Microscopy and culture of : CSF Joint fluids Theatre pus and fluids Urines < 3 yrs age	B
<p>On Call Laboratory Pathology Countess of Chester Hospital Liverpool Road Chester CH2 1UL</p> <p style="text-align: right;">Mr Iain Green</p>	Microscopy and culture of : CSF Joint fluids Theatre pus and fluids Urines < 3 yrs age	C



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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)	
Routine samples: Aspirates Fluids Pus Samples from sterile sites Urine Bone Cellular and fluid material contained on swabs, catheter tips and intra-uterine contraceptive devices Genital samples Semen Tissues	Isolation of microorganisms of clinical significance	Manual inoculation and media culture using: MBSOP 33 MBSOP 21 MBSOP 18 MBSOP 29	A, B, C A, B, C A, B, C A, B, C A, B, C A A
Cellular and fluid material contained on swabs	Screening for Methicillin-Resistant <i>Staphylococcus aureus</i> (MRSA)	Manual inoculation and media culture using: MBSOP 44	A
Rectal swab, Faeces and Urine	Screening for Resistant organisms VRE and CPE	Manual inoculation and media culture using: MBSOP 46	A
Blood Joint fluids	Isolation of microorganisms of clinical significance	Liquid media culture using: MBSOP 52 MESOP 12 and Biomérieux BacTalert	A



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HUMAN TISSUE 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)	
Cerebrospinal fluid (CSF)	Detection, identification and quantification (inc. differential) of: White blood cells Red blood cells Bacterial cells	Microscopy & staining (Gram and differential) using: MBSOP 11	A, B, C
CSF	Isolation of microorganisms of clinical significance	Manual inoculation and media culture using: MBSOP 11	A, B, C
Bronchoalveolar lavage Bronchial aspirate, brushings & washings Cellular and fluid material contained on swabs Endotracheal tube specimens Nasopharyngeal aspirate Pleural fluid Sputum	Isolation of microorganisms of clinical significance	Manual inoculation and media culture using: MBSOP 42	A
Aspirates Fluids CAPD Corneal scrapes Eye (specimens from) Tissues BAL	Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells Yeast cells and fungal hyphae	Staining (inc. Gram) and microscopic examination using: MBSOP 21 MBSOP11 MBSOP52 MBSOP42	A, B, C A, B, C A A A A A



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Urine	Detection, identification and quantification of: White blood cells Red blood cells Squamous epithelial cells Bacterial cells Casts Yeasts	Automated urinalysis, and manual examination using: MBSOP 33 and SediMAX contrast (x2) MESOP 50 and/or Manual microscopic examination using: KOVA slides	A A, B, C
Urine	Isolation of microorganisms of clinical significance	Manual inoculation and media culture using: MBSOP 33 BG9	A, B, C
Faeces	Isolation of bacterial pathogens: <i>Campylobacter</i> spp. <i>Escherichia coli</i> O157 <i>Salmonella</i> sp. <i>Shigella</i> spp. <i>Vibrio</i> spp. <i>Yersinia</i> spp. <i>Pleisiomonas</i> spp.	Manual inoculation and media culture using: MBSOP59	A
Hair Nail Skin	Isolation and identification of clinically significant fungi	Manual inoculation, media culture, and macroscopic & microscopic examination using: MBSOP 38	A



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Cultures isolated in-house from all samples listed above	Identification of microorganisms of clinical significance	Manual and/or automated biochemical methods using: Vitek 2- MESOP 24 and Matrix-assisted laser desorption/ionisation using: MESOP 32 Vitek MS Maldi-ToF	A
Bacterial cultures isolated in-house from all samples listed above	Antimicrobial susceptibility testing of clinically significant bacteria	Manual and/or automated antimicrobial susceptibility testing using the latest EUCAST methodology Vitek 2 using in-house procedure MESOP 24 EUCAST Disc diffusion & gradient minimum inhibitory concentration determination using in-house procedure MBSOP 06 and DOC 2689	A
Female genital tract swabs	Microscopic diagnosis of bacterial vaginosis	Gram stained microscopic examination using: MBSOP 29 Automated staining using Prolab Polystainer as per MESOP39	A
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: MBSOP 59	A



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Faeces	Detection of <i>Cryptosporidium</i> oocysts	Auramine fluorescent microscopic examination using: MBSOP 59	A
Urine	Detection of <i>Schistosoma haematobium</i> ova	Microscopic examination using in-house procedure: MBSOP 33	A
Nasopharyngeal aspirate Swabs Faeces Culture isolate suspension	Detection or exclusion of: Influenza A Influenza B Respiratory syncytial virus MRSA CPE VRE Norovirus Difficile Toxin Genes tcdB, cdt and tcdC	Automated Molecular Testing (PCR) using: MBSOP 73 MBSOP 49 MBSOP 71 MBSOP 72 MVSOP 14 MBSOP 70 and: Cepheid GeneXpert	A
Urine	Detection of <i>Legionella pneumophila</i> serotype 1 antigen and Streptococcus pneumoniae antigen	Immuno-chromatographic assay using: MVSOP 12 and Launch TRU Urine Antigen kit	A
Faeces	C.difficile toxin A and B GDH	Immuno-chromatographic assay TekLab ToxAB Quikchek EIA – Dynex DS2 Premier GDH MBSOP 70 MESOP 29	A
Faeces	Rotavirus and adenovirus	Immuno-chromatographic assay Coris Combi-strip MVSOP 13	A



9595
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Faeces	Helicobacter Antigen	EIA – Dynex DS2 Premier Platinum HpSA Plus MBSOP 09 MESOP 29	A
Plasma Serum	Microbial serology for: Hepatitis B surface antibody CMV IgM and IgG & avidity Hepatitis A IgG and IgM Hepatitis B surface antigen Hepatitis C antibody HIV ag and ab HTLV ab Rubella IgG and IgM Syphilis IgG Toxoplasma IgG Hepatitis B Core total	Enzyme Immuno-Assay (EIA) Roche Cobas 6000 using: MESOP 30 MVSOP 29 MVSOP 34 MVSOP 04 MVSOP 02 MVSOP 28 MVSOP 05 MVSOP 27 MVSOP 07 MVSOP 15 MVSOP 09 MVSOP02	A
Plasma Serum	Microbial serology for: Chlamydia IgG EBV IgM and IgG Measles IgG Varicella Zoster IgG Mycoplasma IgM Parvovirus IgM and IgG	EIA - Dynex BEST 2000 using: MESOP 09 MVSOP 32 MVSOP 25 MVSOP 30 MVSOP 06 MVSOP 10 DOC 1613	A



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HUMAN TISSUES AND FLUIDS (cont'd)	<u>Serological examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs)	
Plasma Serum	Microbial serology for: Hepatitis B Markers (HBe, Ab and HBsAg) Varicella IgG Hepatitis B Core IgM and IgG Lymes (Borrelia) IgM and IgG Measles IgG Hepatitis C Ab HIV 1&2	EIA - VIDAS using: DOC1619 MVSOP 02 MVSOP 06 MVSOP 02 MVSOP 24 MVSOP 30 MVSOP 28 MVSOP 05	A
Plasma Serum	HIV antigen-antibody Syphilis antibody	Immuno-chromatographic strip method Alere HIV-combo kit MVSOP 05 Fujirebio Espline MVSOP 15	A
END			