


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|  |  |   |
|--|--|---|
|  <p><b>UKAS</b><br/>MEDICAL</p> <p>8868</p> <p>Accredited to<br/>ISO 15189:2022</p> | <h3>Lancashire Teaching Hospitals NHS Foundation Trust</h3> <p><b>Issue No: 023 Issue date: 08 May 2026</b></p>  |   |
|  | <p>Lancashire and South Cumbria<br/>Pathology Services</p> <p>Department of Microbiology<br/>Blackpool Victoria Hospital</p> <p>Whinney Heys Road<br/>Blackpool<br/>FY3 8NR<br/>United Kingdom</p> | <p>Contact: Paul Regan</p> <p>Tel: +44 (0) 1253 953755</p> <p>E-Mail: paul.regan1@nhs.net</p> <p>Website:<br/><a href="https://www.blackpoolteachinghospitals.nhs.uk">https://www.blackpoolteachinghospitals.nhs.uk</a></p> |

**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   |
|---|--|--|
| <p>HUMAN BODY FLUIDS and TISSUES</p> <p>Human samples including swabs, fluids, aspirates, pus, line tips, tissues as specified</p> <p>Specimens from wounds, eyes, ears, nose, throat, mouth, ulcers, pus, tissue, genital sites, joint fluids and heart valves</p> <p>Urine</p> <p>CSF</p> | <p><u>Microbiology examination activities for the purposes of clinical diagnosis</u></p> <p><u>General Bacteriology</u></p> <p>Examination activities for the purposes of clinical diagnosis</p> <p>General isolation and characterisation of micro-organisms of clinical significance</p> <p>Microscopy Investigation<br/>-White Blood Cells<br/>-Red Blood Cells<br/>-Epithelial Cells<br/>-Yeast Cells<br/>-Bacterial Cells<br/>-Casts</p> <p>General isolation, characterisation and sensitivity testing of micro-organisms of clinical significance</p> <p>Quantification of white and red blood cells and bacteria</p> <p>General isolation and characterisation of micro-organisms of clinical significance</p> | <p>In-house documented procedures based on PHE SMIs</p> <p>Manual culture using SOPs MB01, MB02, MG004, MG002, MB500 &amp; MG010</p> <p>Sysmex UF-5000 via flow cytometry using SOP MB03</p> <p>Manual culture using SOP MB03</p> <p>Manual microscopy and culture using SOP MG004</p> |



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| HUMAN BODY FLUIDS and TISSUES (cont'd)  | <u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)   | In-house documented procedures based on PHE SMIs  |
| Respiratory specimens (sputum, respiratory secretions, aspirates, pleural fluids, ascitic fluids, lymph nodes, tissues and pus) | <u>General Bacteriology</u> (cont'd)<br>General isolation and characterisation of micro-organisms of clinical significance   | Manual culture using SOP MG005  |
| Bacterial and yeast cultures isolated in-house  | General identification of micro-organisms of clinical significance   | General API standardised or biochemical kit-based identification methods  |
| Bacterial and yeast cultures isolated in-house  | General identification of micro-organisms of clinical significance isolated from clinical samples  | Identification of microorganisms using mass spectrometry on Bruker MALDI-TOF<br>Using SOP MB06  |
| Faeces  | General isolation and characterisation of <i>Salmonella</i> , <i>Shigella</i> , <i>Campylobacter</i> & <i>E. coli</i> 0157, <i>Vibrio</i> sp. and <i>Aeromonas</i> sp.<br><br>Detection of <i>Clostridium difficile</i> GDH antigen and toxins A & B | Manual culture using selective agar and SOP MB17<br><br>SOP MI030_03 in conjunction with manufacturer's instructions using <i>C. difficile</i> Quik Chek Complete |
| Swabs, tissues and fluids including nose, perineum and wound sites  | Isolation of MSSA & MRSA   | Manual culture on chromogenic agar using SOP MG009  |
| Swabs, fluids, tissue and faeces  | Isolation of Carbapenemase producing bacteria  | Manual culture on chromogenic agar and ertapenem disc using SOP MG017   |
| Blood   | Detection of microbial growth and general isolation and characterisation of micro-organisms of clinical significance   | Virtuo Blood Culture Analyser using SOP MG007 Blood Cultures  |
| Bacterial Isolates  | Antimicrobial susceptibility testing of clinically significant bacteria and determination of minimum inhibitory concentration (MIC)  | Manual antimicrobial susceptibility procedures (Disc Diffusion) using EUCAST methodology using SOP: SOPMI100_03 Sensitivity Testing                               |



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| HUMAN BODY FLUIDS and TISSUES (cont'd) | <u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)                               |   |
| Urine and CSF                          | <u>General Bacteriology</u> (cont'd)<br>Detection of Legionella pneumophila antigen and Streptococcus pneumoniae antigen | Using Strep pneumoniae and Legionella pneumophila Urinary Antigen Test SOP and Immuvue – S. pneumoniae Antigen Test |
| Urine and CSF                          | Detection of Streptococcus pneumoniae antigen  | Using Strep pneumoniae Antigen Test SOP and Immuvue – S.pneumoniae Antigen Test                                     |
| Faeces                                 | Confirmatory testing of Cryptosporidium and Giardia positive ELISA   | Immunocard STAT using SOP MB19  |
|  | <u>Mycology</u><br>Examination activities for the purposes of clinical diagnosis   |   |
| Nail Clippings, Skin Scrapings, Hair   | General isolation and characterisation of fungi of clinical significance   | Manual microscopy and culture using SOP MG006   |
|  | <u>Parasitology</u><br>Examination activities for the purposes of clinical diagnosis                                     | In-house documented procedures based on PHE SMI   |
| Faeces, clear adhesive tape slides     | Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance                  | SOPs MI045_03 by manual microscopy and/or concentration using ParaSep system  |
| Genital swabs                          | Examination for presence and detection of <i>Trichomonas vaginalis</i>   | MI031_03 using ProLab Trichomonas stains  |
| Serum                                  | Detection of 1-3-Beta-D-glucan   | Automated Lab Kinetics PKF08 Using Fungitell STAT kinetic assay   |



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| HUMAN BODY FLUIDS and TISSUES (cont'd) | <p><u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Viral Serology</u></p>  | <p>Documented in-house methods to meet the requirements of the IDPS screening programme as defined in the NHS Infectious diseases in pregnancy screening: laboratory quality assurance evidence requirements (relevant targets marked with *)</p> |
| Serum (unless stated)                  | <p>*Syphilis antibody IgG/M<br/>Cytomegalovirus IgM<br/>Cytomegalovirus IgG<br/>Hepatitis A IgG<br/>Hepatitis A IgM<br/>Hepatitis B core total antibody<br/>*Hepatitis B surface antigen<br/>Hepatitis C antibody<br/>*HIV 1 &amp; 2 antibody and p24 antigen<br/>Hepatitis B surface antibody<br/>Rubella IgG<br/>Epstein–Barr virus (EBV) VCA IgM<br/>Epstein–Barr virus (EBV) VCA IgG<br/>Epstein–Barr virus (EBV) EBNA-1 IgGf</p> | <p>Using the Abbott Alinity i CMIA SOP MV100<br/>SOP MV106<br/>SOP MV112<br/>SOP MV113<br/>SOP MV115<br/>SOP MV114<br/>SOP MV105<br/>SOP MV101<br/>SOP MV103<br/>SOP MV102<br/><br/>SOP MV104<br/>SOP MV107</p>                                   |
| Serum (unless stated)                  | <p>Examination activities for the purposes of clinical diagnosis</p> <p>Detection of Antistreptolysin O antibody</p> <p>Detection of Treponema pallidum antibodies</p> <p>Detection of Treponema pallidum antibodies</p>  | <p>In house documented procedures based on and in conjunction with manufacturer's instructions</p> <p>SOP MV008 by latex agglutination using Biokit Rheumajet</p> <p>SOPs MV017 using RPR</p> <p>Using ASI TPHA kit</p>                           |



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| HUMAN BODY FLUIDS and TISSUES (cont'd) | <p><u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p><u>Viral Serology (cont'd)</u></p> <p>Detection of Cytomegalovirus IgM</p> <p>Detection of Hepatitis A IgG total</p> <p>Detection of Hepatitis B core IgM, core total antibody, e antibodies, e antigen, surface antigen</p> <p>Detection of Hepatitis C anti HCV antibody</p> <p>Detection of HIV 1 &amp; 2 antibody and p24 antigen</p> <p>Detection of Measles IgG</p> <p>Detection of Mumps IgG</p> <p>Detection of Rubella IgM</p> <p>Detection of Hepatitis E IgG &amp; IgM antibodies</p> <p>Detection of Toxoplasma IgM &amp; IgG</p> <p>Detection of Varicella IgG</p> <p><u>Molecular Biology</u></p> <p>Examination activities for the purposes of clinical diagnosis</p> | <p>SOP MV023 in conjunction with manufacturer's instructions using Biomerieux Vidas</p> <p>In house documented procedures based on and in conjunction with manufacturer's instructions</p> |
| Endocervical and vaginal swabs, urines | Detection of Chlamydia trachomatis and Neisseria gonorrhoea DNA   | SOP MV086 by Polymerase Chain Reaction using Roche Cobas 4800  |
| Serum /Plasma                          | *HIV and HCV viral loads  | PCR and Cobas 4800 using Cobas HIV-1 kit<br>SOP MV117 and SOP MV118  |



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|   | <u>Molecular Biology</u> (cont'd)   |  |
|   | Qualitative detection of:   |  |
| Urine, genital & rectal swabs   | Mycoplasma genitalium resistance  | RT-PCR using Cepheid GeneXpert and SpeedX Resistance Plus assay                        |
| Urine, genital swabs (including self-collected), rectal, throat & eye swabs         | Chlamydia trachomatis and Neisseria gonorrhoeae DNA   | RT-PCR using Cepheid GeneXpert and Xpert CT/GC assay                                   |
| Tonsillar swabs, nasopharyngeal swabs, lesion exudate, scabs & rash swabs           | Mpox DNA  | RT-PCR using ELITe Ingenius and Mpox PCR assay   |
| Genital swabs in viral transport media  | Herpes Simplex Virus 1 & 2 DNA  | RT-PCR using ELITe Ingenius and HSV1&2 ELITe MGB assay                                 |
| Lesion, eye, blister, ulcer & rash swabs in viral transport media                   | Herpes Simplex Virus 1 & 2 DNA<br>Varicella Zoster RNA  | RT-PCR using ELITe Ingenius and Meningitis Viral ELITe MGB Panel 1 & panel 2 assays    |
| Urine, cervical, vaginal, rectal & throat swabs in COBAS PCR media collection tubes | Chlamydia trachomatis DNA<br>Neisseria gonorrhoeae DNA<br>Mycoplasma genitalium DNA<br>Trichomonas vaginalis DNA  | RT-PCR using ELITe Ingenius and STI PLUS ELITe MGB assay                               |
| Nasopharyngeal swabs in viral transport media                                       | Influenza A (subtypes H1N1/2009, H1, H3)<br>Influenza B<br>Coronavirus 229E, HKU1, NL63, OC43. Parainfluenza virus 1, 2, 3, 4.<br>Respiratory Syncytial Virus (RSV) A/B<br>Human Metapneumovirus A/B<br>Adenovirus<br>Human Bocavirus<br>Rhinovirus/Enterovirus<br><i>Mycoplasma pneumoniae</i><br><i>Legionella pneumophila</i><br><i>Bordetella pertussis</i> | RT-PCR using QIAstat-DX PCR analyser and QIAstat-DX Respiratory SARS-CoV-2 Panel assay |



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| CSF                                    | <i>Escherichia coli</i> K1<br><i>Haemophilus influenzae</i><br><i>Listeria monocytogenes</i><br><i>Neisseria meningitidis</i> (encapsulated)<br><i>Streptococcus agalactiae</i><br><i>Streptococcus pneumoniae</i><br><i>Mycoplasma pneumoniae</i><br><i>Streptococcus pyogenes</i><br>Herpes simplex virus 1<br>Herpes simplex virus 2<br>Human herpes virus 6<br>Enterovirus<br>Human parechovirus<br>Varicella-zoster virus<br><i>Cryptococcus neoformans/gattii</i> . | RT-PCR using QIAstat-DX PCR analyser and QIAstat-DX Respiratory ME Panel assay |
| END                                    |   |  |