


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

|   |   |  |
|---|---|--|
|  <p>Accredited to<br/>ISO 15189:2022</p> | <b>Birmingham Women's and Children's NHS Foundation Trust</b>   |  |
|   | <b>Issue No: 008 Issue date: 27 August 2025</b>   |  |
|   | <b>Microbiology Department</b><br><b>Birmingham Children's Hospital</b><br><b>Steelhouse Lane</b><br><b>Birmingham</b><br><b>B4 6NH</b> | <b>Contact: Tina Wotherspoon</b><br><b>Tel: +44 (0) 121 333 9817</b><br><b>Fax: +44 (0) 121 333 9811</b><br><b>E-Mail: tina.wotherspoon@nhs.net</b><br><b>Website: www.bwc.nhs.uk/</b> |
| <b>Testing performed at the above address only</b>  |   |  |

### DETAIL OF ACCREDITATION

| Materials/Products tested  | Type of test/Properties measured/Range of measurement                               | Standard specifications/ Equipment/Techniques used  |
|--|---|---|
| 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) and incorporating manufacturer's instructions where relevant |
| Urine  | <u>General isolation of micro-organisms of clinical significance</u>                | Isolation of micro-organisms of clinical significance from urine specimens<br><br>Manual inoculation and culture:   |
| Clinical material on swabs from:<br>Ear<br>Eye<br>Mouth<br>Nose<br>Throat<br>Skin/Wound<br>Genital     | General isolation of microorganisms of clinical significance                        | MICMB/SOP/001<br>MICMB/SOP/002<br>MICMB/SOP/004<br>MICMB/SOP/005<br>MICMB/SOP/009<br>MICMB/SOP/011<br>MICMB/SOP/013   |
| Fluids: BAL/respiratory fluids<br>CSF<br>PDF<br>Fluids from sterile sites<br>Urine<br>Pus and Exudates |   | MICMB/SOP/057<br>MICMB/SOP/010 MICMB/SOP/022<br>MICMB/SOP/025<br>MICMB/SOP/023<br>MICMB/SOP/026<br>MICUR/SOP/001<br>MICMB/SOP/016   |
| Faeces   |   | MICFAE/SOP/007  |
| Intravascular cannulae and associated specimens  |   | MICMB/SOP/020   |



9896

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Birmingham Women's and Children's NHS Foundation Trust

Issue No: 008 Issue date: 27 August 2025

Testing performed at main address only

| Materials/Products tested   | Type of test/Properties measured/Range of measurement  | Standard specifications/ Equipment/Techniques used   |
|---|--|--|
| HUMAN TISSUES AND FLUIDS (cont'd)   | <u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)   | Manual inoculation and culture:<br><br>In-house documented procedures following current Public Health England (PHE) Standards for Microbiological Investigations (SMIs) and incorporating manufacturer's instructions where relevant |
| Tissues and Biopsies  | General isolation of microorganisms of clinical significance   | MICMB/SOP/017<br>MICMB/SOP/042<br>MICMB/SOP/038<br>MICMB/SOP/044   |
| Clinical material from rectal swabs, and faeces                                     | Detection of ESBL, VRE and CRE   | MICENV/SOP/008   |
| Clinical material on swabs of nose, throat, groin, axilla, umbilical, mouth, wound. | Detection of MRSA and MSSA   | Chromogenic culture for MRSA and MSSA<br>MICENV/SOP/001  |
| Whole blood   | General isolation of microorganisms of clinical significance   | Automated culture using BD Bactec FX 200 system<br>MICBC/SOP/001   |
| Faeces<br>Bile<br>Duodenal aspirates<br>Jejunal aspirates                           | Detection of ova, cysts and parasites (OCP) including:<br>Strongyloides stercoralis larvae,<br>Giardia lamblia trophozoites<br>Cyclospora cayetanesis oocysts<br>Cystoisospora belli oocysts | Manual method: concentration (faeces only) and wet prep light microscopy with iodine where applicable<br>MICFAE/SOP/009<br>MICIDS/SOP/001  |
| Faeces  | Detection of Cryptosporidium oocysts   | Manual auramine stain (fluorescent microscopy)<br>MICIDS/SOP/001<br>MICFAE/SOP/007<br>MICFAE/SOP/009   |
| Clear adhesive tape slide<br>Perianal swab  | Detection of Enterobius vermicularis larvae and ova  | Direct light microscopy<br>MICIDS/SOP/001<br>MICFAE/SOP/007<br>MICFAE/SOP/009  |



9896  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Birmingham Women's and Children's NHS Foundation Trust**

**Issue No: 008 Issue date: 27 August 2025**

Testing performed at main address only

| Materials/Products tested  | Type of test/Properties measured/Range of measurement  | Standard specifications/ Equipment/Techniques used   |
|--|--|--|
| 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) and incorporating manufacturer's instructions where relevant              |
| Urine  | Detection of Schistosoma haematobium ova   | Manual method: concentration and wet prep light microscopy with iodine where applicable<br>MICFAE/SOP/009<br>MICIDS/SOP/001  |
| Urine  | Automated urine analysis   | Beckman Coulter IQ200 using auto-particle recognition<br>MICUR/SOP/003   |
| Clinical material on Recto-vaginal swabs and other genital swabs | Isolation of Group B Streptococci  | Isolation of micro-organisms of clinical significance from genital specimens<br>MICMB/SOP/013  |
| Urine  | Examination for white and red blood cells, cysteine crystals, epithelial cells, casts (hyaline, cellular, granular, RBC, Tubular epithelial, waxy, WBC), bacteria and yeasts | Manual urine microscopy using a flat-bottomed microtitre tray and light microscopy<br>MICUR/SOP/001  |
| CSF  | Detection, identification and quantification of:<br>White blood cells<br>Red blood cells<br>Bacterial cells  | Manual cell count using counting chamber and light microscopy<br>MICMB/SOP/025   |
| Faeces   | Detection of Clostridium difficile GDH antigen and toxins A & B  | Glutamate dehydrogenase and toxin A/B detection by rapid membrane enzyme immunoassay (Techlab Cdiff Quik Chek Complete)<br>Toxin A/B detection by ELISA (Techlab C.Difficile TOX A/B II)<br>MICFAE/SOP/005 |
| Cultures isolated in-house from all samples listed above         | Identification of clinically significant bacteria  | Manual biochemical, enzymatic, agglutination, staining & microscopic methods<br>MICIDS/SOP/001   |



9896

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Birmingham Women's and Children's NHS Foundation Trust

Issue No: 008 Issue date: 27 August 2025

Testing performed at main address only

| Materials/Products tested  | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used   |
|--|---|--|
| 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) and incorporating manufacturer's instructions where relevant: |
| Cultures isolated in-house from all samples listed above   | Identification of clinically significant microorganisms'  | Automated Bruker Automated Matrix-assisted laser desorption/ionisation (MALDI-TOF and Sepsityper)<br>MICIDS/SOP/003  |
|  | Antimicrobial susceptibility testing of clinically significant bacteria   | Manual disc diffusion and gradient MIC determination by E-test using EUCAST methodology.<br>MICIDS/SOP/037<br>MICIDS/SOP/034   |
| Whole blood.<br>Cultures isolated in-house from all samples listed above.<br>Intravascular cannulae and associated specimens   | Differentiation between gram positive/negative/variable, branching organisms, yeast and fungal hyphae   | Manual gram stain (light microscopy)<br>MICIDS/SOP/001   |
| Fluid: BAL   | Differentiation between gram positive/negative/variable, branching organisms, yeast, fungal hyphae, presence of pus cell and epithelial cells | Manual gram stain (light microscopy)<br>MICIDS/SOP/001   |
| Clinical material on swabs of mouth and throat   | Presence of Vincent's organisms   | Manual gram stain (light microscopy)<br>MICIDS/SOP/001   |
| Clinical material on swabs of ear, eye, nose, skin/wound, pus/exudate<br>Fluids: Pus and Exudates, Fluids from sterile sites, PDF, CSF and CSF shunts, respiratory<br>Tissues and Biopsies | Differentiation between gram positive/negative/variable, branching organisms, yeast, fungal hyphae and presence of pus cells                  | Manual gram stain (light microscopy)<br>MICIDS/SOP/001   |
| Whole blood EDTA   | Molecular examination activities for the purpose of quantitation of viral load – Adenovirus PCR   | Automated EliTech Group Elite Ingenius analyser<br>MICVIR/SOP/006No  |



9896

Accredited to  
ISO 15189:2022

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Birmingham Women's and Children's NHS Foundation Trust

Issue No: 008 Issue date: 27 August 2025

Testing performed at main address only

| Materials/Products tested   | Type of test/Properties measured/Range of measurement  | Standard specifications/ Equipment/Techniques used   |
|---|--|--|
| 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) and incorporating manufacturer's instructions where relevant: |
| Vomit, Faeces   | Molecular Norovirus DNA detection  | Rapid detection of Norovirus G1 and G2 using Cepheidi Xpert Norovirus MICGEN/SOP/047   |
| Rectal swabs, identification from clinical isolate  | Molecular carbapenamase detection  | Rapid detection of resistance mechanisms using Cepheid CPE   |
| Nose swabs  | Rapid detection of MRSA/MSSA   | Rapid detection of MRSA and MSSA using Cepheid GeneXpert Xpert SA Nasal complete and Xpert PCR equipment - MICGEN/SOP/045  |
| Faeces  | Rapid detection of GI pathogens  | Rapid detection using Biomerieux Filmarray GI Panel MICVIR/SOP/003   |
| Clinical material from nasopharyngeal swabs   | Rapid molecular detection of respiratory pathogens   | Rapid detection using Biomerieux Filmarray RP panel MICVIR/SOP/033   |
| CSF   | Rapid molecular detection of CSF pathogens   | Rapid detection using Biomerieux Filmarray ME panel MICVIR/SOP/002   |
| Clinical material from nasopharyngeal swabs   | Rapid detection of Influenza, RSV and SARS-CoV-2   | Rapid detection using Cepheid Xpert Respiratory MICVIR/SOP/032   |
| Clinical material from nasopharyngeal swabs   | Rapid detection of SARS-Cov-2, RSV, Influenza  | Rapid detection using ID-Now MICVIR/SOP/078  |
| Clinical material from throat swabs   | Rapid molecular detection of Group A streptococci  | Rapid detection using ID-Now MICVIR/SOP/078  |
| Clinical material from vulvo-vaginal swabs, endocervical swabs, urine, urethral swab (using Gen-probe Aptima collection tube) | Detection of Chlamydia trachomatis and Neisseria gonorrhoeae Rrna                            | Target amplification nucleic acid probe test for ribosomal RNA of CT-GC detection – Automated Hologic Gen-probe Panther Kit Aptima Combo 11 for CT-GC assay MICVIR/SOP/001                     |



9896  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Birmingham Women's and Children's NHS Foundation Trust**

**Issue No: 008 Issue date: 27 August 2025**

Testing performed at main address only

| Materials/Products tested         | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used   |
|-----------------------------------|---|--|
| HUMAN TISSUES 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) and incorporating manufacturer's instructions where relevant:   |
| Whole Blood EDTA                  | Molecular examination activities for the purpose of quantitation of viral load – EBV DNA Quantification | Automated EliTech Group Elite Ingenius analyser MICVIR/SOP/006   |
| Whole Blood EDTA                  | Molecular examination activities for the purpose of quantitation of viral load – CMV DNA Quantification | Automated EliTech Group Elite Ingenius analyser MICVIR/SOP/006   |
|                                   |   | 'Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy screening programme 2024 as defined in the laboratory QA evidence requirements: tests demarcated with an * are involved in the screening programme accreditation |
|                                   |   | Automated: Abbott Architect Immunoassay i2000SR Analyser using Chemiluminescent microparticle immunoassay (CMIA)   |
| Serum                             | Detection of HIV p24 antigen and antibodies to HIV type 1 and/or type 2 (HIV Ag/Ab)*                    | MICVIR/SOP/022   |
| Serum                             | Detection of antibody to Treponema pallidum (Syphilis)*   | MICVIR/SOP/027   |
| Serum                             | Detection of Hepatitis B surface antigen (HBsAg)*   | MICVIR/SOP/021   |
| Serum                             | Detection of antibodies to HTLV 1+2   | MICVIR/SOP/025   |
| Serum                             | Antibiotic assay, quantitative determination of Gentamicin  | MICVIR/SOP/026   |



9896  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Birmingham Women's and Children's NHS Foundation Trust**

**Issue No: 008 Issue date: 27 August 2025**

Testing performed at main address only

| Materials/Products tested  | Type of test/Properties measured/Range of measurement   | Standard specifications/ Equipment/Techniques used  |
|--|---|---|
| <p>HUMAN TISSUES AND FLUIDS (cont'd)</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> | <p><u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Antibiotic assay, quantitative determination of Vancomycin</p> <p>Detection of Hepatitis A IgG</p> <p>Detection of antibody to Hepatitis B core antigen</p> <p>Hepatitis C IgG</p> | <p>'Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy screening programme 2024 as defined in the laboratory QA evidence requirements: tests demarcated with an * are involved in the screening programme accreditation</p> <p>Automated: Abbott Architect Immunoassay i2000SR Analyser using Chemiluminescent microparticle immunoassay (CMIA)</p> <p>MICVIR/SOP/029</p> <p>MICVIR/SOP/006</p> <p>MICVIR/SOP/020</p> |



9896  
Accredited to  
ISO 15189:2022

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Birmingham Women's and Children's NHS Foundation Trust**  
**Issue No: 008 Issue date: 27 August 2025**

Testing performed at main address only

| Materials/Products tested         | Type of test/Properties measured/Range of measurement  | Standard specifications/ Equipment/Techniques used   |
|-----------------------------------|--|--|
| HUMAN TISSUES AND FLUIDS (cont'd) | <u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd) | 'Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy screening programme 2024 as defined in the laboratory QA evidence requirements: tests demarcated with an * are involved in the screening programme accreditation |
|                                   | Detection of:  | Automated: DiaSorin Liaison Analyser using 'Flash' chemiluminescence technology  |
| Serum                             | CMV IgG  | MICVIR/SOP/012   |
| Serum                             | CMV IgM  | MICVIR/SOP/011   |
| Serum                             | Toxoplasma IgM   | MICVIR/SOP/013   |
| Serum                             | Toxoplasma IgG   | MICVIR/SOP/013   |
| Serum                             | Rubella IgM  | MICVIR/SOP/008   |
| Serum                             | Rubella IgG  | MICVIR/SOP/007   |
| Serum                             | VZV IgG  | MICVIR/SOP/015   |
| Serum                             | EBV VCA IgG  | MICVIR/SOP/016   |
| Serum                             | Hepatitis A IgM  | MICVIR/SOP/017   |
| Serum                             | Parvovirus IgM   | MICVIR/SOP/009   |
| Serum                             | Parvovirus IgG   | MICVIR/SOP/010   |
| Serum                             | Measles IgG  | MICVIR/SOP/018   |
| END                               |  |  |