


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|---|--|
|  8860 Accredited to ISO 15189:2022 | HSL (Analytics) LLP Issue No: 018 Issue date: 17 June 2025 | |
| | The Halo Building 1 Mabledon Place London WC1H 9AJ | Contact : Jacqueline Sutherland Tel : +44 (0) 20 7307 7342 E-Mail : jacqueline.sutherland@hslpathology.com Website: www.hslpathology.com |

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 |
|--|--------------|---------------|
| Address Department of Infection Sciences The Halo Building 1 Mabledon Place London WC1H 9AJ Local contact Jacqueline Sutherland +44 (0) 20 7307 7373 | Microbiology | A |
| Rapid Response Laboratory Royal Free Hospital Pond Street London NW3 2QG Jacqueline Sutherland +44 (0) 20 7307 7373 | Microbiology | B |

Site activities performed away from the locations listed above:

| Location details | Activity | Location code |
|--|---|---------------|
| Rapid Response Laboratory North Middlesex University Hospital Sterling Way Edmonton N18 1QX Jacqueline Sutherland | Blood culture loading and analysis; positive samples transferred to Location A for processing | C |
| Rapid Response Laboratory Barnet Hospital Wellhouse Lane Barnet EN5 3DJ Jacqueline Sutherland | Blood culture loading and analysis; positive samples transferred to Location A for processing Specimen reception and transport of microbiology samples to Location A for processing | D |



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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 BODY FLUIDS AND TISSUES | <u>General Microbiology</u> <u>Examination activities for the purpose of clinical diagnosis</u> | In house documented methods based on related UK Standards for Microbiology Investigations (SMIs) and incorporating manufacturers' instructions where relevant | |
| Swabs from genital sites, wound sites, eyes, throats ears and related body sites and respiratory samples | General isolation of micro-organisms of clinical significance | Automated culture onto selected media using BD Kiestra SOPs MIC1-MP3-11, MIC1-MP3-1, MIC1-MP3-4, MIC1-MP3-9, MIC1-MP3-10 | A |
| Swabs from genital sites, wound sites, eyes, throats ears and related body sites. Fluids, lines, tips, tissues, pus and respiratory samples | General isolation of micro-organisms of clinical significance | Manual culture onto selected media SOPs MIC1-MP3-1, MIC1-MP3-10/1, MIC1-MP3-12, MIC1-MP3-4/9 | A |
| Ear, nose, throat axilla and other swabs from body sites as may be requested | Isolation and identification of MRSA bacteria | Manual culture using chromogenic media SOP MIC4-MP4-15 | A |
| Nose swabs | Detection of mecA and mecC strains of MRSA | PCR using Cepheid GeneXpert Infinity SOP SAM2-MP0-4 | A |
| Whole Blood, fluid, tissue, bone | Detection of microbial growth and isolation of micro-organisms of clinical significance | By fluorescence detection using Bactec FX SOP MIC2-MP3-6/7, MIC1-MP3-12 | A, C & D |
| Bacterial and yeast cultures isolated in-house | General identification of micro-organisms of clinical significance | By matrix assisted laser desorption ionisation using Bruker MALDI-ToF SOP MIC4-MP4-21 | A |
| Presumptive positive cultures from Bactec FX | Provisional identification of organisms of clinical significance | Bruker SepSityper and Bruker MALDI-ToF SOP MIC2-MP3-8 | A |
| Rectal swabs | Isolation of: Carbapenemase Producing Enterobacteriaceae | Manual culture using chromogenic media SOP MIC4-MP4-16 | A |



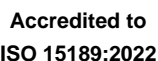
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| HUMAN BODY FLUIDS AND TISSUES (cont'd) | <u>General Microbiology (cont'd)</u> <u>Examination activities for the purpose of clinical diagnosis (cont'd)</u> | In house documented methods incorporating manufacturers' instructions where relevant | |
| Presumptive positive cultures from Bactec FX | Provisional identification of Candida sp. | By immunofluorescence using Candida QuickFISH SOP MIC2-MP3-8 | A |
| Bacterial cultures isolated in-house | General identification of micro-organisms of clinical significance | General kit based biochemical identification methods: SOP MIC2-MP3-9-Q-3 Oxidase SOP MIC2-MP3-4 Phadebact GC SOP MIC2-MP3-9-Q-4 Prolex Streptococcus Grouping SOP MIC2-MP3-10Prolex Staph Latex kit SOP MIC2-MP3-10 Clearview Rapid Group A | A |
| Female Genital specimens | Diagnosis of Bacterial vaginosis | Manual Gram stain SOP MIC2-MP3-4 | A |
| Vaginal swabs | Detection of Trichomonas vaginalis | Manual Inverted Microscopy and culture in liquid media SOP MIC2-MP3-4 | A |
| Bacterial cultures isolated in-house | Antimicrobial susceptibility testing | By MIC testing using BD Phoenix and EUCAST guidelines SOP MIC4-MP4-23 Manual disc diffusion using antimicrobial discs and EUCAST guidelines SOP MIC4-MP4-18, MIC4-MP4-3 Gradient MIC using E-test SOP MIC4-MP4-24 | A A A |
| Bacterial cultures isolated in-house | Colistin susceptibility testing | Broth microdilution using ComASP SOP MIC4-MP4-24 | A |
| Bacterial cultures isolated in-house | Detection of Carbapenemase production | Immunochromatography using NG-Test Carba5 lateral flow assay SOP MIC4-MP4-16 | A |



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| HUMAN BODY FLUIDS AND TISSUES (cont'd) | <u>General Microbiology</u> (cont'd) | | | |
| | <u>Examination activities for the purpose of clinical diagnosis</u> (cont'd) | In house documented methods incorporating manufacturers' instructions where relevant | | |
| | | Automated ELISA using Gemini with reference to the following kits and procedures: | | |
| | Faeces | Detection of Helicobacter antigen | Meridian Premier HpSA Plus SOP MIC5-MP4-2 | A |
| | Blood cultures, fluids, tissues, bone and cultures isolated in-house | Differentiation between Gram positive and negative bacteria | Manual microscopy using Gram stain and ELITech stainer SOP MIC1-MP3-15 | A |
| | | Detection of acid fast bacilli | Manual microscopy using Auramine stain and ELITech stainer SOP MIC1-MP3-15 | A |
| | | Differentiation of white blood cells | Manual microscopy using Giemsa stain and ELITech Stainer SOP MIC1-MP3-15 | A |
| | CSF | Examination for white and red blood cells, bacteria and yeasts | Manual microscopy using C-Chip counting chamber and light microscope SOP MIC1-MP3-10 | A |
| | Fluids | Detection and identification of birefringent crystals | Polarising microscopy SOP MIC1-MP3-14 | A |
| | Hair, nails, skin scales, sputum tissues, mouth swabs | Isolation and identification of fungi of clinical significance | Manual culture and microscopy using lactophenol cotton blue stain SOP MIC3-MP4-1, MIC3-MP4-2 | A |
| Serum & CSF | Detection of cryptococcal antigen | Immunochromatorgaphy using IMMY lateral flow assay SOP MIC3-MP4-5 | A | |
| Urine | Detection of Histoplasma antigen | Immunochromatorgaphy using Miravista lateral flow assay SOP MIC3-MP4-5 | A | |



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| HUMAN BODY FLUIDS AND TISSUES (cont'd) | <u>General Microbiology (cont'd)</u> <u>Examination activities for the purpose of clinical diagnosis (cont'd)</u> | In house documented methods incorporating manufacturers' instructions where relevant | |
| Fungal cultures isolated in-house | Antifungal susceptibility testing | Broth microdilution and agar diffusion assay using EUCAST and Bristol PHE guidelines SOP MIC3-MP4-2 | A |
| Faeces | Detection of enteric pathogens: Salmonella, Shigella, Campylobacter and Escherichia coli shigatoxin 1 (Stx 1) and 2 (Stx 2), Cryptosporidia and Giardia sp. | PCR using SeroSep Enteric Bio assay and Lightcycler SOP MIC5-MP4-6, MIC5-MP4-4 | A |
| Serum | Detection of Cryptococcal capsular polysaccharide antigen | Latex particule agglutination using Immy CrAg LFA SOP MIC3-MP4-5 | A |
| Urine | Detection of Legionella pneumophila serogroup 1 antigen | Immunochromatography using Binax Now Legionella SOP MIC4-MP4-13 | A |
| Urine | Detection of Pneumococcal soluble antigen | Immunochromatography using Binax Now Strep pneumoniae Antigen Card SOP MIC4-MP4-13 | A |
| Serum | Antifungal Therapeutic Drug Monitoring for Triazole levels: Itraconazole Voriconazole Posaconazole | HPLC using Agilent 1260 Infinity II and Chromosystems kit SOP MIC3-MP4-6 | A |
| Skin, nail, hair | Detection of superficial fungi of clinical significance | PCR using Dermagenius RT-PCR using MYRA & MIC PCR systems SOP MIC3-MP1-1 | A |
| Yeast cultures isolated in-house | Fluconazole, Nystatin & Clotrimazole susceptibility testing | Manual method using anti-fungal discs SOP MIC3-MP4-2 | A |



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| | <u>Examination activities for the purpose of clinical diagnosis</u> (cont'd) | In house documented methods incorporating manufacturers' instructions where relevant | | |
| | BAL & sputum | Detection of P. jirovecii | PCR using EZ1 extraction, Rotorgene 6000 RT-PCR platform and OLM PneumID assay SOP MIC3-MP4-2 | A |
| | Staphylococcal cultures isolated in-house | Detection of PVL toxin gene | PCR using MYRA RT-PCR & Ridagene assay SOP MIC4-MP4-7 | A |
| | BAL & sputum | Detection of Chlamydia pneumoniae, Legionella pneumophila, L.longbechae & Mycoplasma pneumoniae | PCR using QiaSymphony, Rotorgene 6000-RT-PCR and Anatolia assay SOP PCR2-MP5-125 | A |
| | Serum | Detection of Beta D 1-3-β-D-Glucann | ELISA using DS2 platform, Biotek ELx808 plate reader and Fungitell assay SOP MIC3-MP4-4 | A |
| | Serum & BAL | Detection of Galactomannan | ELISA using DS2 platform and Platella Aspergillus assay SOP MIC3-MP4-4 | A |
| | EDTA whole blood | Detection of DNA from the following Candia species: C albicans and/or Candida tropicalis Candida parapsilosis Candida Krusei and/or Candida glabrata | T2MR technology (PCR and magnetic resonance) using T2Dx Instrument (T2 Biosystems) SOP MIC3-MP4-8 | A |
| | Bacterial cultures | Confirmatory testing for the identification of Neisseria gonorrhoea | Enzymatic testing using TCS Biosciences GonoCheck II | A |
| | Stool Samples | C. difficile toxin detection | EIA using Techlab QuikCheck | A |
| Swabs | Identification of Vancomycin Resistant Enterococci | Culture using Chromogenic Agar | A | |



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| | <u>Examination activities for the purpose of clinical diagnosis (cont'd)</u> | In house documented methods incorporating manufacturers' instructions where relevant | |
| | Bacterial cultures | Culture using manual methods and automatic reading by APAS independence analyser (Clever Cultures Systems) | A |
| | BAL, sputum and induced sputum | PCR using Anatolia assay with MYRA & MIC PCR systems SOP PCR2-MP4-5 | A |
| | BAL, sputum and induced sputum | PCR using EZ2 extraction, MIC and MYRA systems and OLM PneumID assay SOP MIC3-MP4-3 | A |
| | Skin, Nail and Hair | PCR using Dermagenius RT-PCR using MYRA & MIC PCR systems SOP MIC3-MP1-1 | A |
| Nasopharyngeal swabs | Detection of Bordetella species | PCR using RealAccurate Bordetella PCR Kit using EZ2, MYRA & MIC PCR Systems SOP PCR2-MP4-5 | A |
| HUMAN BODY FLUIDS AND TISSUES | <u>General Biochemistry</u> | | |
| | <u>Examination activities for the purpose of clinical diagnosis</u> | In house documented methods incorporating manufacturers' instructions where relevant | |
| Urine | Glucose Protein Bilirubin Urobilinogen pH Blood Ketones Nitrites Leucocytes | Uriflet S strips and Aution Max analyser SOP MIC4-MP4-9 | A |
| END | | | |