


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9699 Accredited to ISO 15189:2022	Northern Care Alliance NHS Foundation Trust	
	Issue No: 014	Issue date: 05 February 2026
	Microbiology Department 2 nd Floor Turnberg Building Salford Royal Hospital Stott Lane Salford M6 8HD United Kingdom	Contact: Kate Ryan Tel: +44 (0)161 206 5030 E-Mail: kate.ryan2@nca.nhs.uk Website: https://www.northerncarealliance.nhs.uk/
Testing performed at the above address only		

Additional activities:

Location details	Activity
Address Microbiology Department 2 nd Floor Turnberg Building Salford Royal Hospital Stott Lane Salford M6 8HD	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: <ul style="list-style-type: none">• Receipt of screening results from a laboratory accredited to ISO 15189• Clinical interpretation and reporting Documented in-house methods for the provision of serology testing for results received from external laboratory (8913) for: <ul style="list-style-type: none">• Sample receipt and pre-analytics• Receipt of results from a laboratory accredited to ISO 15189• Clinical interpretation and reporting of results



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS AND SWABS	<u>Microbiological examination activities for the purpose of clinical diagnosis</u>	In house documented procedures based on UK SMIs in conjunction with manufacturers instructions.
Whole blood inoculated to blood culture media	Blood cultures	BD Bactec FX -fluorescence MCP-SOP-SPEC-22, MCP-SOP-EQUIP-11, MCP-EXTDOC-56
CSF	White and red blood cells. Microorganisms of clinical significance	Manual microscopy - FastRead 102, light microscopy & manual culture methods MCP-SOP-SPEC-33 , MCP-SOP-TEST-25, MCP-SOP-TEST-29
Faeces	Salmonella, Shigella, E.coli 0157, Campylobacter & Vibrio spp.	Manual culture onto selective agar S.O.P. MCP-SOP-SPEC-3 Bruker MALDI-ToF MCP-SOP-EQUIP-12 Salmonella anti-sera agglutination test MC-SOP-ORG-23 E.coli 0157 latex agglutination test MC-SOP-TEST-87 Shigella , MC-SOP-ORG-24 Camp, MC-SOP-ORG-6 Vibrio MC-SOP-ORG-28
Faeces	Clostridioides difficile tcdB gene.	BD-MAX Real Time PCR MCP-SOP-SPEC-24, MCP-EXTDOC-26
Faeces	Clostridioides difficile toxins A & B.	Lateral flow cartridge MCP-SOP-SPEC-24



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HUMAN BODY FLUIDS AND SWABS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures based on UK SMIs in conjunction with manufacturers instructions.
Faeces	Cryptosporidium /Giardia Detection	DS2 ELISA MCP-SOP-TEST-4, MC-EXTDOC-29
Faeces	Cryptosporidium /Giardia confirmation	Lateral flow cartridge SOP MCP-SOP-TEST-4
Faeces	Helicobacter pylori antigen	DS2 ELISAMCP-SOP-TEST-21 , MCP-KIT-1, MC-EXTDOC-29
Faeces	Vancomycin Resistant Enterococci (VRE)	Manual culture, identification of VRE and sensitivity testingMCP-SOP-TEST-31 , MCP-SOP-TEST-19
Rectal Swabs	Carbapenamse Producing Enterobacteriaceae (CPE)	BD Max - Real Time PCR screening MCP-SOP-SPEC-31, MCP-EXTDOC-26 Chromogenic agar manual culture
Faeces	Detection of nucleic acid from: <i>Salmonella</i> sp., <i>Campylobacter</i> spp., <i>Shigella</i> spp., Enteroinvasive <i>E. coli</i>	BD Max – Real Time PCR MCP-SOP-SPEC-39
Faeces	Detection of Norovirus genogroup I and II	Cepheid GeneXpert automated RT-PCR MCP-SOP-SPEC-5
Isolates from all anatomical sites	Detection of Carbapenemase genes: blaKPC, blaNDM, blaVIM, blaOXO-48, blaMP-1	Cepheid GeneXpert automated RT-PCR MCP-SOP-EQUIP-20
Nasopharyngeal swabs Nasal swabs	Detection of Influenza A, Influenza B, Respiratory Syncytial Virus (RSV)	Cepheid GeneXpert automated RT-PCR MCP-SOP-EQUIP-23
Combined Nose and throat swab	Covid-19 RNA (SARS-CoV-2): N and E gene targets	Cepheid GeneXpert Xpress automated RT-PCR MCP-SOP-EQUIP-23



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HUMAN BODY FLUIDS AND SWABS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures based on UK SMIs in conjunction with manufacturers instructions.
Combined Nose and throat swabs	Detection of Influenza A, Influenza B, Respiratory Syncytial Virus (RSV), and SARS-CoV-2	Cepheid GeneXpert Xpress 4-plex assay using automated RT-PCR MCP-SOP-EQUIP-23
Swabs from eyes, wounds, nose, throat, ears	Pathogenic microorganisms of clinical significance	Isolation, identification & EUCAST Antimicrobial Susceptibility Testing Manual culture onto selective and non-selective agar MCP-SOP-SPEC-11, MCP-SOP-SPEC-12, MCP-SOP-SPEC-13, MCP-SOP-SPEC-10, MCP-SOP-SPEC-8, MCP-SOP-SPEC-14 Aerobic, carboxyphilic and anaerobic incubation MC-SOP-EQUIP-34, MCP-SOP-EQUIP-9, MC-EXTDOC-49.
	Pathogenic microorganisms of clinical significance.	Bruker MALDI-ToF MCP-SOP-EQUIP-12 EUCAST Sensitivity testing MCP-SOP-TEST-19 BD Phoenix sensitivity testing MCP-SOP-EQUIP-14
	Streptococcal group	Latex agglutination test MC-SOP-TEST-50
	Staphylococcal identification	Latex agglutination test MCP-SOP-TEST-15 DNASE chromogenic agar MCP-SOP-TEST-7 Oxidase Test MC-SOP-TEST-36 EUCAST Sensitivity testing MCP-SOP-TEST-19 BD Phoenix sensitivity testing MCP-SOP-TEST



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HUMAN BODY FLUIDS AND SWABS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures based on UK SMIs in conjunction with manufacturers instructions.
Orthopaedic tissue samples	Pathogenic microorganisms of clinical significance.	Isolation, identification & EUCAST Antimicrobial Susceptibility Testing Inoculation of samples into enrichment broth, incubation & sub culture to non selective culture media MCP-SOP-SPEC-7 Bruker MALDI-ToF MCP-SOP-EQUIP-12 EUCAST Sensitivity testing MCP-SOP-TEST-19 BD Phoenix sensitivity testing MCP-SOP-EQUIP-14
Sputum , BAL, NBL, Tissues and Sterile Fluids	Mycobacteria spp.	Fluorescent microscopy of Phenol Auramine stained slides for A.F.B MC-SOP-TEST-12 Lowenstein-Jenson slopes and BD MGIT tubes - fluorescence technique MCP-SOP-SPEC-1, MCP-EXTDOC-8 Kinyon stain MC-SOP-TEST-57
Urine	White blood cells & bacteria of clinical significance.	Automated quantification of white blood cells & bacteria, isolation, identification and sensitivity testing Sysmex UF-5000i - flow cytometry MCP-SOP-EQUIP-29 , MCP-EXTDOC-1 Manual culture of urine onto chromogenic agar MCP-SOP-SPEC-2 Sensitivity testing MCP-SOP-TEST-19



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HUMAN BODY FLUIDS AND SWABS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures based on UK SMIs in conjunction with manufacturers instructions.
Respiratory samples e.g. Sputum, BAL,NBL, and pleural fluids	Microorganisms of clinical significance	Manual culture, Isolation and identification and antimicrobial susceptibility testing MCP-SOP-SPEC-17, MCP-SOP-SPEC-18, MCP-SOP-SPEC-19 Bruker MALDI-ToF MCP-SOP-EQUIP-12 Optochin disc test MC-SOP-TEST-35
	Beta-lactamase	Chromogenic detection test MC-SOP-TEST-15 Isolation and identification of and antimicrobial susceptibility testing MCP-SOP-TEST-19
Isolates from all anatomical sites	Microorganisms of clinical significance	Manual methods:Gram stain MC-SOP-TEST-38 .
Swabs ,Urine and Sputum	Methicillin Resistant Staphylococcus aureus (MRSA)	Manual culture onto chromogenic agar MCP-SOP-SPEC-15 Identification of organisms using the Bruker MALDI-ToF MCP-SOP-EQUIP-12 Staphylococcus agglutination test MCP-SOP-TEST-15 Mastalex agglutination test MCP-SOP-TEST-13 EUCAST sensitivity testing MCP-SOP-TEST-19
Swabs	Methicillin Sensitive Staphylococcus aureus (MSSA)	Manual culture onto chromogenic agar MCP-SOP-SPEC-15 EUCAST sensitivity testing using S.O.P. MCP-SOP-TEST-19
Swabs	Microorganisms of clinical significance	Bruker MALDI-ToF MCP-SOP-EQUIP-12, MCP-EXTDOC-58



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HUMAN BODY FLUIDS AND SWABS (cont'd)	<u>Microbiological examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures based on UK SMIs in conjunction with manufacturers instructions.
Urine	Pneumococcal antigen testing	Binax Now Immunochromatographic Lateral flow test MCP-SOP-TEST-6
Urine	Legionella antigen testing	Binax Now Immunochromatographic Lateral flow test MCP-SOP-TEST-6
Skin scrapings, hair & nail clippings	Fungi of clinical significance.	Fluorescent microscopy of Calcofluor stained slides MCP-SOP-SPEC-20 Manual culture of skin scrapings and nail clippings onto agar S.O.P. MCP-SOP-SPEC-20 Identification using Lactophenol Cotton Blue MCP-SOP-TEST-29.
Sterile Fluids (ascitic fluid, PD Fluids, joint fluids)	White blood cells and bacteria of clinical significance	Manual microscopy for white blood cells and bacteria MC-SOP-SPEC-35, MC-SOP-SPEC-38 , MC-SOP-SPEC-13 Manual culture of sterile fluids onto agar MC-SOP-SPEC-35, MC-SOP-SPEC-38 , MC-SOP-SPEC-13 Bruker MALDI-ToF S.O.P. MCP-SOP-EQUIP-12
Joint fluids	Crystal identification: Sodium urate crystals Calcium pyrophosphate crystals	Phase contrast microscopy MC-SOP-SPEC-13
Isolates from all anatomical sites	Antibiotic susceptibility testing of bacteria	Minimum inhibitory concentration (MIC) by the E-test method MCP-SOP-TEST-19
Isolates from all anatomical sites	Fluconazole Antifungal susceptibility testing for <i>Candida albicans</i>	Yeast Antifungal MIC testing MC-SOP-TEST-115
Isolates from all anatomical sites Blood cultures	Detection of capsular antigen from <i>Streptococcus pneumoniae</i>	Oxoid DrySpot Penumo test Latex agglutination MCP-SOP-TEST-44



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<p>HUMAN BODY FLUIDS AND SWABS (cont'd)</p> <p>Serum unless otherwise stated</p> <p>Serum</p>	<p><u>Serology examination activities for the purpose of clinical diagnosis</u></p> <p>Measles IgG antibodies Mumps IgG antibodies Varicella Zoster IgG</p> <p>Detection of:</p> <p>Hepatitis B surface antigen (HBS) Varicella Zoster Virus IgG (VZV) Rubella IgG (RBG)</p>	<p>DS2. Automated ELISA testing using Captia assay MC-SOP-EQUIP-44, MC-EXTDOC-29</p> <p>Mini VIDAS Immunoassay based on ELFA (Enzyme Linked Fluorescent Assay) MC-SOP-EQUIP-33</p>
END		