


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	<b>Northern Care Alliance NHS Foundation Trust</b>	
	<b>Issue No: 012      Issue date: 27 January 2026</b>	
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<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
<p>HUMAN BODY FLUIDS</p> <p>Swabs from wounds, ulcers, genital sites, eyes, nose, throat, ears, respiratory and gastric fluids, CSF, faeces, sterile fluids, pus,</p>	<p><u>Microbiology examinations for the purposes of clinical diagnosis</u></p> <p>Isolation and identification of microorganisms of clinical significance</p>	<p>In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.</p> <p>Manual culture using non-selective selective, differential and chromogenic agar plates and liquid enrichment broth as indicated by SOPs</p> <p>MC-SOP-21 SPECIMEN PREPARATION / PLATING OUT</p> <p>MC-SOP-12 CSF</p> <p>MC-SOP-15 ENTERIC SECTION</p> <p>MC-SOP-25 STERILE FLUIDS</p> <p>MC-SOP-123 INVESTIGATION OF BILE</p> <p>MC-SOP-20 GENITAL SWABS</p> <p>MC-SOP- 40 SPUTUM &amp; BRONCHIAL ASPIRATE</p> <p>MC-SOP-24 EAR SWABS</p> <p>MC-SOP-26 EYE SWABS</p> <p>MC-SOP-27 CORNEAL SCRAPES</p> <p>MC-SOP-30 MOUTH SWABS</p> <p>MC-SOP-185 NASAL SAMPLES</p> <p>MC-SOP-32 THROAT SWABS</p> <p>MC-SOP-33 PERNASAL SWABS</p> <p>MC-SOP-36 ADMISSION SCREENING, ITU SURVEILLANCE &amp; WARD OUTBREAKS</p> <p>MC-SOP-120 INVESTIGATION OF TISSUE &amp; BONE SPECIMENS</p> <p>MC-SOP-163 ORTHOPAEDIC IMPLANTS AND PROSTHETIC JOINTS</p> <p>MC-SOP-28 ABSCESS &amp; DEEP WOUND SWABS</p> <p>MC-SOP-29 SKIN &amp; SUPERFICIAL WOUND SWABS</p> <p>MC-SOP-39 IV CANNULAE &amp; ASSOCIATED SPECIMENS</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.
Swabs from wounds, ulcers, genital sites, eyes, nose, throat, ears, respiratory and gastric fluids, CSF, faeces, sterile fluids, pus cont'd	Isolation and identification of microorganisms of clinical significance (cont'd)	Manual culture using non-selective selective, differential and chromogenic agar plates and liquid enrichment broth as indicated by SOPs MC-SOP-38 H.PYLORI & CULTURE OF GASTRIC BIOPSIES MC-SOP-36 ADMISSION SCREENING, ITU SURVEILLANCE & WARD OUTBREAKS
Sputum and lower respiratory tract specimens, tissues, fluids	Isolation of Mycobacterium species	Becton Dickinson MGIT automated continuous growth system using SOP MC-SOP-41  Manual culture using LJ slopes and SOP MC-SOP-41
	Detection of Mycobacterium species	Manual staining using phenol auramine and fluorescence microscopy, MC-SOP-41
Sterile fluids	Cell count and differential cell count	Kova slide and SOP MC-SOP-12, MC-SOP-25
CSF	Cell count and differential cell count	C-CHIP Haemocytometer MC-SOP-12
Bacterial culture, body fluids and tissues	Identification of Gram positive and negative bacteria	Manual Gram staining technique using SOP MC-SOP-13



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.
Blood	Detection of bacterial growth	bioMerieux Virtuo semi-automated blood culture system using MC-SOP-14
Faeces	Detection of oocysts of Cryptosporidium.	Automated and manual staining using Polystainer and fluorescence microscopy, SOP MC-SOP-127
Faeces	Detection of ova, cysts and parasites	Parasep faecal concentration method using MC-SOP-127
Faeces, sellotape slide, anal swab	Detection of Enterobius vermicularis	Light microscopy using direct slide preparation of faecal suspension and MC-SOP-127
Bacterial isolate	Determination of Antimicrobial Susceptibility of bacteria	EUCAST disc diffusion method MC-SOP-174 E-Test gradient strips measured manually MC-SOP-176 MC-SOP-128 Micronaut broth MIC MC-SOP-199 Automated method using bioMerieux Vitek 2XL instrument and MC-SOP-42, MC-SOP-141
	Detection of carbapenemases	MC-SOP-128 Micronaut broth MIC MC-SOP-199
Yeast isolate	Determination of Antimicrobial Susceptibility of yeasts	E-Test gradient strips measured manually MC-SOP-176 Micronaut broth MIC MC-SOP-141



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology examinations for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.
Bacterial or yeast isolate (cont'd)	Identification of bacteria and yeasts	Automated method of biochemical testing using bioMerieux Vitek XL instrument and MC-SOP-13  Maldi-tof method using bioMerieux Vitek MS instrument and MC-SOP-152  Manual methods using biochemical or antigen/antibody detection: API, Pro-lab Staphylococcal latex, Pro-lab Streptococcal latex, Rosco Diagnostica Diatab, , Oxoid Dry Spot Pneumo, oxidase, catalase., MC-SOP-13
Urine	Quantitation of white and red blood cells, epithelial cells, casts, bacteria	Sysmex UF5000 instrument using flow cytometry and MC-SOP-206  Manual method using microplate and inverted microscopy MC-SOP-16
Urine	Isolation and identification of microorganisms of clinical significance	Manual culture using MC-SOP 16 Urine analysis
Urine	Qualitative detection of Legionella pneumophila serotype 1 and pneumococcal antigen	Binax NOW immunochromatographic assay, MS-SOP-19
Urine	Detection of HCG(pregnancy test)	SureStep chromatographic immunoassay, MC-SOP-18



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HUMAN BODY FLUIDS (cont'd)	<u>Serological examinations for the purposes of clinical diagnosis</u>	In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.
Serum	Qualitative measurement of the following: Rubella IgM antibody	bioMerieux Vidas immunoassay analyser and MC-SOP-95
Serum	Qualitative measurement of HIV 1&2 antibody and p24 antigen	Biorad Geenius immunochromatographic test using MC-SOP-151
Faeces	Qualitative detection of Glutamate dehydrogenase (GDH) for the presence of C difficile and Helicobacter pylori antigen	Sysmex DS2 analyser using immunoassay and MC-SOP-102
		Documented in-house methods to meet the requirements of the Infectious Diseases in Pregnancy Screening programme as defined in the laboratory QA evidence requirements (targets/tests marked *).
Serum	Hepatitis A (total) Antibody Hepatitis A IgM Antibody Hepatitis B surface Antibody Hepatitis B surface Antigen* Hepatitis B core (total) Antibody* Hepatitis B core IgM Antibody* Hepatitis B e Antibody* Hepatitis B e Antigen* Hepatitis C (IgG) Antibody HIV 1+2 (P24 Antigen)* Rubella IgG Treponema Antibody* Toxoplasma IgG Toxoplasma IgM	Siemens Atellica IM  MC-SOP-236 MC-SOP-236 MC-SOP-250 MC-SOP-237 MC-SOP-237 MC-SOP-237 MC-SOP-237 MC-SOP-237 MC-SOP-237 MC-SOP-237 MC-SOP-238 MC-SOP-235 MC-SOP-239 MC-SOP-241 MC-SOP-240 MC-SOP-240



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Serum	CMV IgG Antibody CMV IgM Antibody EBV IgG Antibody EBV IgM Antibody EBV EBNA IgG Antibody Hepatitis B surface antigen* Hepatitis E IgG Hepatitis E IgM Measles IgG Antibody Mumps IgG Antibody VZV IgG Antibody HIV Antibody/Antigen* Treponema Antibody*	Diasorin Liaison  MC-SOP-243 MC-SOP-243 MC-SOP-244 MC-SOP-244 MC-SOP-244 MC-SOP-237 MC-SOP-242 MC-SOP-242 MC-SOP-245 MC-SOP-246 MC-SOP-247 MC-SOP-235 MC-SOP-241
Male urethral swabs, endocervical swabs, vaginal swabs and urine	C. trachomatis and N. gonorrhoeae	Aptima Combo 2 Assay on the Hologic: Panther MC-SOP-218
Serum	RPR*	Arlington Scientific RPR card for Syphilis MC-SOP-258



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HUMAN BODY FLUIDS (cont'd)	<u>Molecular examinations for the purposes of clinical diagnosis</u>	In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.
Faeces	Qualitative detection of C.difficile toxin A & B	Techlab immunochromatographic assay (lateral flow) using MC-SOP-146
Faeces	Detection of the following enteric viral nucleic acid targets: Astrovirus, Sapovirus, adenovirus, norovirus I and II and rotavirus	Automated extraction using the MT-PREP and multiplexed tandem PCR using the AusDiagnostics High-Plex, MC-SOP-201, MC-SOP-202
Nasal swabs, throat swabs, nasopharyngeal aspirates	Molecular detection of 12 respiratory pathogen nucleic acid targets Influenza A Influenza B RSV Parainfluenza 1 Parainfluenza 2 Parainfluenza 3 Parainfluenza 4 Metapneumovirus Adenovirus Mycoplasma pneumoniae Bordetella spp Bordetella pertussis	Automated extraction using the MT-PREP and Multiplexed tandem PCR using the AusDiagnostics High Plex. MC-SOP-201 and MC-SOP-202
CSF and swabs in viral transport media	Molecular detection of 6 viral nucleic acid targets HSV 1 HSV 2 VZV Adenovirus Enterovirus Parechovirus	Automated extraction using the MT-PREP and Multiplexed tandem PCR using the AusDiagnostics High Plex. MC-SOP-201 and MC-SOP-202



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HUMAN BODY FLUIDS (cont'd)	<u>Molecular examinations for the purposes of clinical diagnosis</u>	In-house documented procedures based on equipment manuals and UKHSA SMIs as relevant.
Faeces	Detection of C difficile toxin gene TcdB	Cepheid GeneXpertanalyser using MC-SOP-146  Documented in-house methods for DNA / RNA manufacture, purification and detection using techniques and kits in combination with manufacturer's instructions:
Nose swabs and throat swabs in viral transport medium or saline	Detection of SARS CoV-2 virus RNA (COVID-19) specific gene sequences: SARS-CoV-2a (ORF1 gene) and SARS-CoV-2b (ORF8 gene).	Automated extraction using the MT-PREP and Multiplexed tandem PCR using AusDiagnostics Highplex MC-SOP-201 and 202
Nose and throat swabs	Detection of SARS CoV-2 virus RNA (COVID-19) specific gene sequences: RdRp and N genes	Abbott Alinity m using single plex assays based on real time PCR MC-SOP-216
Nose and throat swabs	Detection of SARS-CoV-2 (RdRp and N genes), Influenzae A, Influenzae B and RSV	Abbott Alinity m using 4-plex assays based on real time PCR MC-SOP-216
Plasma/serum	Molecular detection of viral DNA/RNA: Hepatitis B viral load Hepatitis C viral load HIV viral load	Abbott Alinity m based on real time PCR MC-SOP-216
END		