


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8140 Accredited to ISO 15189:2012	NHS Grampian	
	Issue No: 008 Issue date: 16 May 2024	
	Microbiology Ground Floor Link Building Aberdeen Royal Infirmary AB25 2ZN	Contact: Lesley Beveridge Tel: +44 (0) 1224 552445 Email: lesley.beveridge2@nhs.scot Website: http://www.nhsgrampian.org
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 Microbiology Department Aberdeen Royal Infirmary	Local contact As above	General Bacteriology Mycology Parasitology Virology Serology Molecular Microbiology	A
Address GUM Clinic Health Village Frederick Street Aberdeen	Local contact As above	Microscopy	B



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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	<u>General Bacteriology</u>		
	Examination activities for the purposes of clinical diagnosis	In-house documented procedures based on PHE UK SMLs	
Swabs from eyes, wounds, nose, throat, ears, genital sites, tissue and fluids	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOPs MMLP WOUND series	A
Respiratory fluids (sputum, bronchial washings)	General isolation and characterisation of micro-organisms of clinical significance, including mycobacteria	Manual culture using SOPs MMLP RESPIRATORY series	A
Swabs from nose, perineum and wound sites	Isolation of MRSA	Manual culture on chromogenic agar using SOP MMLP INFCON series	A
Rectal swab	Screening for Carbapenemase producing enterobacteriaceae	Manual culture using MMLPINFCON SERIES	A
Fluids from CSF and CAPD fluids	Quantification of white and red blood cells and bacteria	Manual microscopy using Tuerk's fluid and SOP MMLP CSF SERIES and MMLP WOUND SERIES	A
Urine	Quantification of white and red blood cells, bacteria and epithelial cells	SOP MMLP PROCESS/EXAM 012 in conjunction with equipment manual using IQ200 Urine analyser	A
Urine	General isolation and characterisation of micro-organisms of clinical significance	SOP MMLP EXAM 012 – manual culture using SOP	A
Urine	Detection of <i>Legionella pneumophila</i> serotype 1 antigen	SOP MMLP URINE EIA 001 in conjunction with manufacturer's instructions –screening using BinaxNOW kit and confirmation using DS2	A



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HUMAN BODY FLUIDS (cont'd)	<u>General Bacteriology</u> (cont'd)		
	Examination activities for the purposes of clinical diagnosis	In house documented procedures based on PHE SMIs	
Faeces	General isolation and characterisation of <i>Salmonella</i> , <i>Shigella</i> , <i>Campylobacter</i> & <i>E. coli</i> 0157 and other enteric pathogens	Manual culture methods using selective agar and SOP MMLP ENTERIC SERIES series	A
Faeces	Detection of <i>Clostridium difficile</i> GDH antigen and toxins A & B	SOP MMLP ENTERIC EIA SERIES SERIES in conjunction with manufacturer's instructions using DS2 analyser	A
Faeces	Detection of <i>Helicobacter pylori</i>	SOP MMLP ENTERIC EIA SERIES in conjunction with manufacturer's instructions for Premier platinum HpSA Plus kit on DS2 analyser	A
Blood cultures	Detection of microbial growth and general isolation and characterisation of micro-organisms of clinical significance	SOP MMLP BC series in conjunction with manufacturer's instructions for automated system BACTEC Fx	A
Sputum BAL CSF Urine Pus	Detection of positive Mycobacteria culture	Manual microscopy using auramine and Ziehl Neelsen stains SOP MMLP MYCOBACTERIA SERIES series in conjunction with manufacturer's instructions for automated system BACTEC MGIT	A
Bacterial cultures (isolated in-house)	Identification and Antimicrobial susceptibility testing and determination of minimum inhibitory concentration (MIC)	SOP MMLP AST series in conjunction with manufacturer's instructions for VITEK 2 automated antimicrobial testing system. VITEK MS (Malditof), matrix assisted laser desorption/ionisation time of flight mass spectrometry. SOP: MMLP ID SERIES	A A



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HUMAN BODY FLUIDS (cont'd)	<u>General Bacteriology</u> (cont'd)		
Genital samples	Detection of microbes of clinical significance	Manual microscopy with reference to MMLP GUM SERIES	B
Faeces	<u>Parasitology</u> Examination activities for the purposes of clinical diagnosis Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance	In-house documented procedures based on PHE SMIs SOP MMLP PARA 001.01 by concentration using Parasep system, Wet prep and Auramine microscopy	A
	<u>Mycology</u> Examination activities for the purposes of clinical diagnosis General isolation and characterisation of fungi of clinical significance	In-house documented procedures based on PHE SMIs Manual method using SOP MMLP FUNGI series by direct microscopy of KOH digested samples and culture on non-chromogenic selective media	A
Serum/plasma	<u>Serology</u> Examination activities for the purposes of clinical diagnosis (cont'd) Detection of :- Syphilis IgM Treponema Pallidum Particle Agglutination Syphilis RPR	In house documented procedures based on manufacturer's instructions SOP MMLP-VIROL-05.07 series in conjunction with manufacturers' kit inserts; manual ELISA detection of viral antigens using V KL1 series kits	A
Faeces	Detection of :- Rotavirus and Adenovirus	SOP MMLP-VIROL-05.04 series in conjunction with manufacturer's kit inserts; CerTest one step combo card rapid immunoassay	A



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HUMAN BODY FLUIDS (cont'd)	<u>Serology</u>		
Serum/plasma	Hepatitis A virus IgG Hepatitis A virus IgM Hepatitis B virus antibody Hepatitis B surface antigen Qualitative II Hepatitis B surface antigen Qualitative II (confirmatory) Hepatitis B core antibody Hepatitis B core IgM Hepatitis C virus antibody Hepatitis E virus antigen Hepatitis E virus antibody CMV IgG CMV IgM EBV EBNA IgG EBV VCA IgG EBV VCA IgM HIV Ag/Ab combo Syphilis antibody Toxoplasma IgG Toxoplasma IgM	Abbott Alinity I using Immunoassay SOP MMLP VIROL series	A
Serum/plasma	Hepatitis B virus antibody Hepatitis B surface antigen quantification Hepatitis C antibody HIV Ag/Ab Lyme IgG Measels IgG Parvovirus B19 IgG Parvovirus B19 IgM Syphilis antibody Varicella zoster IgG	Diasorin Liaison XL using Immunoassay. MMLP VIROL series	A



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HUMAN BODY FLUIDS (cont'd)	<u>Molecular Biology</u>		
Human samples	Examination activities for the purposes of clinical diagnosis	In house documented procedures based on manufacturer's instructions	
Faeces, swabs (various sites) urines, CSFs, nasopharyngeal aspirates, broncho-alveolar lavages, fluids and tissues specified .	Detection of:- Herpes Simplex Type 1 & 2 Varicella Zoster Adenovirus, CMV, EBV, BK, Erythrovirus B19, B. Pertussis, Syphilis Mycoplasma pneumoniae Influenza A & B, RSV, Human metapneumovirus, Parainfluenza Types 1-4, Corona viruses 229E, NL63, OC43 & HKU1, Rhino/enterovirus Norovirus, Measles, Mumps Parvovirus, Enterovirus	Automated extraction using the KingFisher Flex system Real-time PCR using SOP MMLP MOLEC 14-01 series using Luminex MAGPIX and 7500 thermocyclers.	A
Serum/plasma	Hepatitis C viral load HIV viral load	Abbott Alinity M using PCR MMLP MOLEC series	A
Whole blood/plasma	Quantitative detection of: CMV viral load EBV viral load		
Genital swabs and urine	Detection of Chlamydia trachomatis, Neisseria gonorrhoeae, and Trichomonas vaginalis	Abbott Alinity M using PCR MMLP STI series	A



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HUMAN BODY FLUIDS (cont'd) Respiratory Samples (including Throat and Nasopharyngeal swabs) Excluding samples from immunocompromised patients	<u>Molecular Biology</u> Viral and Bacterial Nucleic Acid Targets Influenza A (RNA) Influenza A H1 (RNA) Mycoplasma pneumoniae, (DNA) Influenza A H3, (RNA) Influenza B (RNA) Respiratory Syncytial Virus A (RNA) Respiratory Syncytial Virus B (RNA) Coronavirus 229E, (RNA) Coronavirus OC43, (RNA) Coronavirus NL63 (RNA) Coronavirus HKU1 (RNA) Human Metapneumovirus (RNA) Rhinovirus (RNA) Enterovirus (RNA) Adenovirus (DNA) Parainfluenza type 1-4 (RNA)	Automated extraction using the KingFisher Flex system Luminex Magpix system using NxTAG respiratory pathogen panel using RT-PCR Qualitative results based on hybridised bead counting SOP 14.01.43	A
END			