Schedule of Accreditation

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UKAS MEDICAL **8610** **Accredited to ISO 15189:2022**	**NHS Tayside** **Issue No:** 019 **Issue date:** 15 July 2026	
	Medical Microbiology **Ninewells Hospital** **Ninewells Avenue** **Dundee** **DD2 1GZ**	**Contact: Alisson McPherson** **Tel: +44 (0)1382 660111 ext. 36718** **E-Mail: alisson.mcpherson@nhs.scot** **Website: http://www.nhstayside.scot.nhs.uk**

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 Ninewells Hospital Ninewells Avenue Dundee DD1 1GZ	**Local contact** As above	Bacteriology Mycology Enteric Parasitology Virology Serology Molecular Microbiology	A
Address Sexual and Reproductive Health Clinic Ninewells Hospital Ninewells Avenue Dundee DD1 1GZ	**Local contact** As above	Plate inoculation and microscopy	B

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	Microbiological examination activities for the purposes of clinical diagnosis General Bacteriology	In-house documented procedures based on UKHSA UK SMIs	
Human samples including swabs, fluids, tissues, urine.	Detection and characterisation of micro-organisms of clinical significance	Use of Gram stain and SOP: NB029 Microscopy and Identification	A
Human samples including swabs, urine	Detection and characterisation of micro-organisms of clinical significance	Use of Gram stain and SOP: NB029 Microscopy and Identification	B
Swabs from eyes, wounds, mouth, nose, throat, ears, genital sites and intrauterine contraceptive devices	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOPs: NB002 Exudates Manual NB036 Genital Swabs NB039 Acute Bench	A
CSF	Detection of cryptococcus	Use of India Ink stain and SOP: NB039 Acute Bench	A
Inoculated plates from Site B	General isolation and characterisation of micro-organisms of clinical significance	Processing of inoculated plates using SOPs: NB010 Sexual and Reproductive Health Clinic NB036 Genital Swabs	A
Respiratory fluids (sputum, bronchial washings)	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOP: NB003 Respiratory Specimens	A
Swabs from nose, perineum and wound sites	Isolation of MRSA	Manual culture on chromogenic agar using SOP: NB040 Resistant Organism Screens	A
Swabs from rectum and faeces	Isolation of Vancomycin Resistant Enterococcus	Manual culture on chromogenic agar using SOP: NB040 Resistant Organism Screens	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) General Bacteriology (cont'd)	In-house documented procedures based on UKHSA UK SMIs	
Swabs from various body sites	Isolation of carbapenem resistant Gram negative rods	Screening for and confirmation of carbapenem resistant Gram negative rods using SOPs: NB030 Carbapenem Resistance Confirmation in GNR NB040 Resistant Organism Screens NB072 Use and Maintenance of the Cepheid GeneXpert	A
Intravenous catheters	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOPs: NB039 Acute Bench	A
Fluids and tissues from normally sterile sites	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOPs: NB038 Orthopaedic Specimens NB039 Acute Bench	A
Fluids from CSF and CAPD fluids	Quantification of white and red blood cells and WBC differential	Manual microscopy using SOPs: NB029 Microscopy and Identification NB039 Acute Bench	A
Urine	Quantification of white and red blood cells, bacteria and epithelial cells	Manual microscopy using SOP: NB007 Urine Manual	A
Urine	General isolation and characterisation of micro-organisms of clinical significance	Manual culture using SOP: NB007 Urine Manual	A
Urine	Automated plate innoculation	Copan WASP robotic plate management system SOPs: NB308 use and maintenance of the WASP NB007 urine SOP	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) General Bacteriology (cont'd)	In-house documented procedures based on UKHSA UK SMIs	
Faeces	General isolation and characterisation of *Salmonella*, *Shigella*, *Campylobacter* & *E. coli* O157 and other enteric pathogens	Manual culture methods using selective agar and SOP: NB300 Molecular faeces specimen triage and setup NB301 Molecular faeces confirmation	A
Faeces	Detection of *Clostridioides difficile* GDH antigen and toxins A & B	Screening for C diff GDH and toxins using SOP: NB073 C difficile/H pylori antigen in conjunction with manufacturer's instructions using DS2 analyser (GDH) and VIDAS (Toxin)	A
Faeces	Detection of *Helicobacter pylori*	Screening for *H pylori* faecal antigen using SOP: NB073 C difficile/Helicobacter pylori antigen in conjunction with the manufacturer's instructions for Amplified IDEIA HpStAR on DS2 analyser.	A
Blood cultures	Detection of microbial growth and general isolation and characterisation of micro-organisms of clinical significance	Detection of growth in cultures of blood using SOP: NB001 Blood Cultures in conjunction with manufacturer's instructions for automated system BacT/Alert.	A
Urine	Detection of Legionella pneumophila serotype 1 antigen	Binax Now Legionella Urinary antigen kit SOP: NV153 Binax Now Legionella Urinary Antigen	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) General Bacteriology (cont'd)	In-house documented procedures based on UKHSA UK SMIs	
Bacterial cultures (isolated in-house)	Identification and antimicrobial susceptibility testing and determination of minimum inhibitory concentration (MIC) of bacteria	Identification and susceptibility testing using VITEK 2 automated antimicrobial testing system and BioMérieux MS Biotyper MALDI-tof and SIRScan SOPs: NB027 Sensitivity Testing NB012 Etest MIC NB013 ESBLTesting NB029 Microscopy and Identification NB030 Carbapenem Resistance NB298 Operation of MS prime NB078 SIRScan	A
Yeast cultures (isolated in-house)	Identification of yeasts	Identification of yeasts using VITEK 2 automated testing system and BioMérieux MS Biotyper MALDI-tof	A
Bronchoalveolar lavage/washings, sputum	Detection of Mycobacterium Tuberculosis	TBRif Ultra kit via Cepheid PCR, using SOP NB072, NB004	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd)	In-house documented procedures based on UKHSA UK SMIs	
	Parasitology		
Human samples including faeces and urine as specified	Examination activities for the purposes of clinical diagnosis	In-house documented procedures based on UKHSA SMIs	
Faeces	Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance	Screening for and identification of enteric parasites using SOP: NB300 Molecular faeces specimen triage and setup using concentration where required and manual microscopy.	A
Urine	Detection of schistosome ova	Screening for and identification of urinary tract parasites using SOP: NB007 Urine Manual using concentration where required and manual microscopy.	A
	Mycology		
Human samples including skin scrapings, hair and nail clippings	Examination activities for the purposes of clinical diagnosis	In-house documented procedures based on UKHSA SMIs	
Skin scrapings, hair and nail clippings	General isolation and characterisation of fungi of clinical significance	Detection of pathogenic fungi using SOP: NB006 Mycology manual and direct microscopy of KOH digested samples and culture on non-chromogenic selective media.	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Serology	In house documented procedures based on manufacturer's instructions	
Serum/plasma	Detection of: Hepatitis A IgM Hepatitis A total antibody Hepatitis B anti-HBs Hepatitis B core antibody Hepatitis B surface antigen Hepatitis C antibody HIV antibody/antigen combination Rubella IgG Syphilis antibody	Serology using the Atellica IM (Siemens)) in conjunction with the manufacturer's instructions & SOPs: NV032 Reporting of HBsAg Positives samples from pregnant women NV033 Hepatitis B Testing and Reporting NV037 Hepatitis A Testing and Reporting NV040 Rubella IgG Testing NV115 HIV Minimum Testing Algorithm NV121 Serological Diagnosis of Syphilis NV136 Handling of HIV Requests in Children <18 months of age NV197 Preparation of Dried Blood Spots NV295 – Operation of the Siemens Atellica Solution	A
Serum/plasma	Detection of Treponema pallidum haemagglutination (TPHA)	Serology using ASI Treponema pallidum haemagglutination assay SOPs: NV014 ASI RPR Reditest NV121 – Syphilis Reporting NV302 – TPHA Syphilis	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Serology (cont'd)	In house documented procedures based on manufacturer's instructions	
Serum/plasma	Detection or confirmation of: CMV IgM EBV EBNA IgG EBV VCA IgG EBV VCA IgM Measles IgG Parvovirus B19 IgG Parvovirus B19 IgM VZV IgG	DiaSorin Liaison XL analyser in conjunction with the manufacturer's instructions & SOPs: NV111 Biotrin Parvovirus ELISA NV215 EBV Testing on the Liaison NV217 CMV IgM testing on the Liaison NV227 VZV IgG testing on the Liaison NV252 Measles IgG on the Liaison NV262 Use and Maintenance of the Liaison XL	A
Serum/plasma	Detection or confirmation of: CMV IgG Hepatitis B core antibody Hepatitis B core IgM Hepatitis B e antibody Hepatitis B e antigen Hepatitis B surface antigen Hepatitis C antibody HIV antibody/antigen combination Mumps IgG Rubella IgM Toxoplasma IgM Toxoplasma total antibody	Serology using the BioMerieux VIDAS analyser in conjunction with the manufacturer's instructions and SOPs: NV017 Toxoplasma Total Antibody and IgM NV032 Reporting of HBsAg Positives from ANC Patients in Tayside NV033 Hepatitis B Testing and Reporting NV041 VIDAS HBsAg Confirmation Protocol NV102 Mini-Vidas NV103 Hep C Confirmation Reporting Protocol NV042 Mumps and CMV Vidas Protocol NV115 HIV Minimum Testing Algorithm NV122 Rubella IgM Serology NV136 Handling of HIV Requests in Children <18 months of age NV 161 Mini VIDAS Maintenance and QC TestingNV258 Use and Maintenance of the VIDAS 3 analyser	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Serology (cont'd)	In house documented procedures based on manufacturer's instructions	
Serum	Detection of: Hepatitis E IgG Hepatitis E IgM	Serology using the BioMerieux VIDAS 3 analyser in conjunction with the manufacturer's instructions and SOPs: NV260 – Hepatitis E IgG and IgM Reporting Protocol	A
Dried Blood Spots	Detection of: Hepatitis B Hepatitis C HIV	Serology using SOPs: NV197 Preparation of Dried Blood Spots NV218 Dried Blood Spot HIV, HCV, and HBsAg Testing	A
Dried Blood Spots	Detection of Hepatitis C	PCR using Hologic Panther analyser SOP NV308 – Hepatitis C Dried blood Spot PCR on the Hologic Panther	A
Serum	Confirmation of HIV	Serology using SOP NV250 Geenius HIV 1 and 2 Confirmatory Assay	A
Serum/plasma	Syphilis confirmation using specific Reagin antibody tests, ASI RPR Reditest	Serology using SOPs: NV014 ASI RPR Reditest NV121 Serological Diagnosis of Syphilis	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Serology (cont'd)	In house documented procedures based on manufacturer's instructions	
Nasopharyngeal swab/aspirate Bronchoalveolar lavage, sputum	Detection of: Panel 1: • Influenza A virus, • Influenza B, • Flu A-H1, • Flu A-H3, • Flu A-H1pdm09 • RSV A, RSV B. Panel 2: • Adenovirus, • Enterovirus, • MPV, • Parainfluenza 1, 2, 3 & 4. Panel 3: • Bocavirus, • Rhinovirus, • CoV OC43, • CoV NL63, CoV 229E Panel 4: • M.pneumoniae, • S.pneumoniae, • H.influenzae	Allplex respiratory assays via the Seegene Starlet analyser using SOP NV290 Seegene Allplex Respiratory panel assay using Seegene Starlet NV 303 work instruction for triaging samples for the extended respiratory screen	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Serology (cont'd)	In house documented procedures based on manufacturer's instructions	
Faeces	Detection of: GI-V Virus Panel • Adenovirus serotype 40/41 • Astrovirus • Norovirus GI • Norovirus GII • Rotavirus • Sapovirus Genotypes G1/2/4/5 GI-BI Bacteria I • *Aeromonas* spp. • *Campylobacter* spp. • *Clostridium difficile* toxin B • *Salmonella* spp. • *Shigella* spp./EIEC • *Vibrio* spp. • *Yersinia enterocolitica* GI-BII Bacteria II • EAEC (*aggR*) • EPEC (*eaeA*) • E. coli O157 • ETEC (Lt/St) • Hypervirulent Clostridium difficile • STEC/EHEC (stx 1/2) GI-P Parasites • *Blastocystis hominis* • *Cryptosporidium* spp. • *Cyclospora cayetanensis* • *Dientamoeba fragilis* • *Entamoeba histolytica* • *Giardia lamblia*	Seegene Allplex GI multiplex panels PCR kits using Seegene Starlet analyser SOPs: NV292 – Seegene Allplex GI Panel Assay Using Seegene Starlet NB300 Molecular Faeces Specimen Triage and Setup NB301 Molecular Faeces Confirmation	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Molecular Biology	In house documented procedures based on manufacturer's instructions	
Bloods, CSF, Faeces, Fluids, Respiratory aspirates, Swabs (various sites), Urines	Detection of: Adenovirus BK Virus Qualitative CMV EBV Enterovirus HSV Measles Mumps Norovirus Parechovirus VZV	Real-time PCR using BioMerieux Easymag and ABI 7500 thermocyclers and SOPs: NV115 HIV Minimum Testing Algorithm NV186 Preparation of Norovirus RNA Control for PCR NV203 Preparation of BK Standard and DNA control for PCR NV204 Preparation of CMV Standard and DNA Control for PCR NV205 Preparation of DNA Control for HSV, VZV and Adenovirus PCR NV225 Non-respiratory IH PCR NV234 Preparation of EBV Standard and EBV Control NV237 Preparation of Nucleic Acid for Parecho-Entero virus PCR Controls NV255 Preparation of MMR Positive control NV140 Probe titration for Real time PCR NV165 Virus Detection examination Procedure NV163 Preparation of primer/probe mix for inhouse PCR NV266 Preparation of PCR mix for IH PCR NV 146 Use of the ABI 7500 NV 144 Maintainence of the ABI 7500 NV 243 Preparation of internal control for IH PCR NV 257 Verification of Quantitiative Standards for PCR NV 254 Preparation of samples for virus Detection SOP NV 35 Quantitative IH PCR	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Molecular Biology (cont'd)	In house documented procedures based on manufacturer's instructions	
Plasma	BK Virus Quantitation	PCR using BioMerieux using Altona kits, E-mag extraction and ABI 7500 thermocyclers SOPs NV203 – Preparation of BK Standard and DNA control for PCR NV296 – Quantitative BK PCR Using Altona Realstar Assays NV 297 Operation of the biomerieux Emag NV298 Maintainence of the Biomerieux Emag	A
Plasma	HCV rRnaViral Load HIV Viral Load HBV Viral Load	Aptima Viral Load assays on the Hologic Panther platform, using Transcription Mediated Amplification (TMA) SOP NV265 HIV, HCV and HBV Viral Load Testing on the Hologic Panther	A
Urines and swabs Vaginal/vulvovaginal, Endocervical, urethral, rectal and throat	Detection of *Chlamydia trachomatis* and *Neisseria gonorrhoeae r RNA*	Aptima Combo 2 assay on the Hologic Panther platform using Transcription Mediated Amplification (TMA) SOP NV266 Chlamydia and N gonorrhoeae Testing using the Aptima Combo Assay on the Hologic Panther. NV268 Maintenance of the Hologic panther NV269 Handling samples fro CTNG testing on the Hologic panther	A
Nasopharyngeal combined swab	Detection of Sars Cov-2 virus	RT-PCR for qualitative detection via Seegene Starlet using SOP NV285.	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUES (cont'd)	Microbiological examination activities for the purposes of clinical diagnosis (cont'd) Molecular Biology (cont'd)	In house documented procedures based on manufacturer's instructions	
Nasopharyngeal combined swab	Detection of Sars Cov-2 virus	Aptima SARS-CoV-2 assay combines the technologies of target capture, Transcription Mediated Amplification (TMA), and Dual Kinetic Assay (DKA) via Hologic Panther using SOP NV286.	A
Nasopharyngeal combined swab	Detection of Sars Cov-2 virus and Multiplex assay (Sars Cov-2, FluA, FluB and RSV)	RT-PCR Xpert Xpress SARS-CoV-2 & Multiplex kit for the qualitative detection via the GeneXpert Cepheid analyser using SOP DX POCT 4/ NV294 NV 300 Maintenance of the Cepheid GeneXpert in the Hot lab	A
		Multiplex real-time RT-PCR assay for the simultaneous rapid in vitro qualitative detection via Roche Liat using SOP DX POCT 1 / NV293	A
END			