

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8213 Accredited to ISO 15189:2022	United Kingdom Health Security Agency, an Executive Agency of the Department of Health	
	Issue No: 019 Issue date: 23 October 2025	
	Birmingham Heartlands Hospital Bordesley Green East Birmingham B9 5SS United Kingdom	Contact: Dr Abid Hussain Tel 1: +44 (0) 121 424 3111 Tel 2: +44 (0) 121 424 1874 E-Mail: Birminghamlab@ukhsa.gov.uk Website: www.ukhsa.gov.uk
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Additional activities:

Location details	Activity
Address Birmingham Heartlands Hospital Bordesley Green Road Bordesley Green East Birmingham B9 5SS	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: 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 (8910) for: 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 TISSUES	<u>Microbiology 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:
Urine	Quantification of white and red cells, bacteria & epithelial cells	In conjunction with manufacturer's instructions using Sysmex UF5000 and manual plate reading MI.S1649 Routine Use and Maintenance of the UF5000
Faeces, Urine, perianal swab of anal area	Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance	Manual microscopy MI.S1355 Diagnostic Parasitology
Swabs, blood, nails skin & hair and Fluids from normally sterile sites	Detection & enumeration of white and red blood cells, clinically significant micro-organisms (excluding Trichomonas vaginalis) and crystals	Manual microscopy : MI.S1528 Microscope SOP. MI.S1417 Gram stain MI.S1430 CSF MI.S1231 Processing of tissue, fluid & pus samples MI.S1530 Investigation of dermatological (Skin, hair and nail) specimens for superficial mycoses MI.S1288 Processing and Reading of Genito/Urinary Medicine (GUM) Samples
Respiratory samples –Sputum, lavages. Swabs/ CSF/ Fluids and Tissues/ Faeces/ Skin/Nails/Hair	General isolation and characterisation of bacterial and fungal isolates of clinical significance	Manual culture and manual plate read MI.S2049 Reading and reporting of respiratory isolates MI.S1430 Examination of CSF MI.S1231 Processing of Tissue, fluid and pus samples MI.S1308 Enteric Specimen preparation and processing MI.S1530 Investigation of dermatological (Skin, hair and nail) specimens for superficial mycoses MI.S1283 Identification of yeasts and filamentous fungi
Urine & swabs – ears/eyes/nose/throa t/wounds/ genital	Isolation of micro-organisms of clinical significance	Manual and automated sample processing methods using Copan WASP MI.S3102 Processing of acute bacteriology swab and urine samples using WASP and manual method



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)' and incorporating manufacturers' instructions where relevant:
Urine & swabs – ears/eyes/nose/throat/wounds/ genital	Isolation of micro-organisms of clinical significance	Automated sample incubation and reading methods using Copan WASPLab MI.S3104 WASPLab Screening and reading procedure MI.S1174 Reading Urine Culture Plates MI.S1213 Examination of screening swabs for MRSA MI.S1427 General Bench Microscopy and Plate Read
Whole Blood Sterile Body Fluids	General isolation and characterisation of bacterial and fungal isolates of clinical significance	In conjunction with manufacturer's instructions using BD Bactec FX Blood culture system MI.S3112 BD FX Blood Culture System User Guide and Maintenance MI.S1191 Processing positive blood cultures MI.S1440 Blood Culture Read and Reporting
Cultured isolates produced by the laboratory	Identification of bacterial and fungal isolates of clinical significance	Automated - BRUKER/BD MalDI-TOF Sirius by Matrix-assisted laser desorption/ionization, in conjunction with manufacturer's instructions. MI.S1492 Microbial species identification by MALDI-TOF Sirius
Cultured isolates produced by the laboratory	Identification of bacterial and fungal isolates of clinical significance	Biomerieux VITEK 2 MI.S2004 Putting up sensitivities on the Vitek 2 Manual identification methods Gram stain, catalase, oxidase, coagulase, latex/particle agglutinations, aesculin production, agglutinating anti-sera, Biochemical tests including API tests & Gonochek MI.S1417 Gram stain MI.S1970 Catalase MI.S1962 Oxidase MI.S1988 Latex test for Staphylococcus aureus MI.S1989 Latex test for Streptococcal grouping MI.S1996 Aesculin hydrolysis test MI.S1998 Optochin susceptibility MI.S209 Gonochek MI.S2030 Inoculation and reading of API's MI.S1297 The Identification of Gastroenteritis Microorganisms from Culture and their reporting



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)' and incorporating manufacturers' instructions where relevant:
Cultures isolated in house from above methods	Antimicrobial susceptibility testing of bacterial and fungal isolates of clinical significance	In house automated antimicrobial susceptibility testing methods in conjunction with manufacturers instructions using Biomerieux Vitek 2. MI.S2004 Putting up sensitivities on the Vitek 2
Cultures isolated in house from above methods	Antimicrobial susceptibility testing of bacterial and fungal isolates of clinical significance	In house disc diffusion antimicrobial susceptibility testing methods in conjunction with EUCAST guidelines.MI.S1216 Reading & reporting EUCAST sensitivity results MI.S1223 Detection of β -lactamase production in bacterial isolates using Remel Nitrocefin discs MI.S1225 Detection of extended spectrum β - lactamase enzymes (ESBL) in bacterial isolates using the MASTDISCS® ESBL Detection Set MI.S1229 Putting up antimicrobial susceptibility tests by EUCASTMI.S1281 Enteric sensitivity testing and processing of blood cultures suspected of containing hazard group 3 isolates
Cultures isolated in house from above methods	Antimicrobial susceptibility testing of bacterial and fungal isolates of clinical significance	Manual sensitivity testing methods using breakpoint sensitivity strips (MIC strips) MI.S1222 Preparation Interpretation and Reporting of Etests and other MIC Test Strips
Faeces	Identification of; Clostridium difficile toxin; Clostridium difficile GDH EIA detection of Helicobacter pylori stool antigen	Automated processing - in conjunction with manufacturer's instructions using Dynex DS2 MI.S2072 Clostridium difficile EIA investigation Premier Platinum HpSA PLUS EIA in conjunction with manufacturer's instructions using DS2 MI.S3105 H.pylori stool antigen EIA testing.



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs)' and incorporating manufacturers' instructions where relevant:
Sputum/lavages/ swabs/ fluids/ tissues/blood/ bone marrow/ urine/CSF/faeces	Isolation, identification and antimicrobial susceptibility testing of Mycobacteria	In house methods and automated processing in conjunction with manufacturer's instructions using: Liquid culture on BD Bactec MGIT960, and BD Bactec FX200 MI.S1036 NMRS Sample processing MI.S1059 Isolation of mycobacteria from blood and bone marrow MI.S1336 NMRS sensitivity testing for M. tuberculosis MI.S1867 Examination of TB Cultures MI.S1278 Preparation and examination of smear slides for microscopy for Mycobacteria
Mycobacteria Isolates	Antimicrobial sensitivity testing by microbroth dilution for Mycobacteria spp.	Sensitivity testing in conjunction with manufacturer's instructions using Thermofisher TREK microdilution plates according to SOPs: MI.S1700 Microdilution susceptibility testing for M.tuberculosis MI.S1535 Trek NTM sensitivity testing
Sputum/lavages/ swabs/fluids/ tissues	Identification of Mycobacterium tuberculosis DNA	In house methods in conjunction with manufacturer's instructions using PCR Cepheid GeneXpert MI.S2073 Use of the Xpert MTB/RIF ULTRA assay of Cepheid Genexpert system
Bacterial culture isolates	Molecular detection of Molecular detection of Carbapenemase genes'	In house methods in conjunction with manufacturer's instructions using PCR Cepheid GeneXpert. MI.S1532 Rapid carbapenemase testing (CPE RT- PCR) SOP
	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u>	In house PCR methods in conjunction with manufacturer's instructions using:
Culture Isolates produced by the laboratory	Identification of Escherichia coli O157 DNA	In house methods in conjunction with manufacturer's instructions using PCR ABI 7500 fast taqman MI.S2094 Detection of Shiga Toxin Producing E. coli (STEC) Using Real Time PCR SOP



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Fluid, Tissues and isolates	Detection and identification of Bacteria DNA from sterile sites	In house methods for extraction on Launch MagPurix, detection on ABI 7500 fast taqman and sequencing on ABI SeqStudio 8 Flex Sequencer MI.S2110 Procedure for 16s DNA Extraction, PCR and reporting MI.S2113 16s Sequencing, analysis and reporting.
Faeces	Identification of Clostridium difficile DNA	In house methods in conjunction with manufacturer's instructions using Abacus GenomEra MI.S11009 Use of Abacus GenomEra PCR C. diff testing and reporting Lab developed tests on Roche FLOW system according to SOPs:
Faeces, urine, blood, cerebrospinal fluid (CSF), eye swabs	Qualitative & quantitative detection of Adenovirus DNA	MI.S2413 Detection and quantification of Adenoviruses using real time PCR on the Roche FLOW system
Urine/ /tissues, cerebrospinal fluid CSF/Nose &/or Throat swab/ nasopharyngeal aspirates NPA/ bronchoalveolar lavage BAL/Sputum	Qualitative detection of Cytomegalovirus DNA	MI.S2414 Detection and Quantification of Cytomegalovirus (CMV) using real time PCR on the Roche FLOW system
CSF	Qualitative detection of Epstein Barr virus DNA	MI.S2417 Qualitative Detection of Epstein-Barr Virus (EBV) using real time PCR on the Roche FLOW system
Blood, cerebrospinal fluid (CSF), swabs, nasopharyngeal aspirates, bronchoalveolar lavage, sputum	Qualitative and quantitative molecular detection of Herpes simplex Virus Type I & II DNA	MI.S2415 Detection of Herpes Simplex Viruses (HSV) using real time PCR on the Roche FLOW system



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Lab developed tests on Roche FLOW system according to SOPs:
CSF	Qualitative molecular detection of Human Herpes Virus 6 (HHV6) DNA	MI.S2418 Detection of Human Herpes Virus 6 (HHV6) using real time PCR on the Roche FLOW system
Blood, cerebrospinal fluid (CSF), urine	Qualitative and quantitative molecular detection of Polyomaviruses DNA	MI.S2424 Detection of Polyomaviruses (BK and JC) using real time PCR on the Roche FLOW system
Skin swabs, cerebrospinal fluid (CSF), tissues, vesicle fluid, mouth swab, blood	Qualitative molecular detection of Varicella Zoster (VZV) DNA	MI.S2416 Detection of Enterovirus, Parechovirus and Varicella Zoster Virus (VZV) using Real time PCR on the Roche FLOW system
Pernasal swab, nose and/or throat swabs, nasopharyngeal aspirates, bronchoalveolar lavage and sputum	Qualitative molecular detection of <i>Bordetella pertussis</i> DNA	MI.S2422 Detection of <i>Bordetella species</i> and <i>Bordetella pertussis</i> by real time PCR on the Roche FLOW system
Skin swabs, cerebrospinal fluid (CSF), tissues, fluids, blood, faeces	Qualitative molecular detection of Enteroviruses RNA	MI.S2416 Detection of Enterovirus, Parechovirus and Varicella Zoster Virus (VZV) using Real time PCR on the Roche FLOW system
Nose and/or throat swabs, nasopharyngeal aspirates, bronchoalveolar lavage and sputum	Typing of influenza viruses type A and B, including A(H1)pdm2009 (sH1 and sN1), A(H3), A(H5), A(H1) targets RNA	MI.S2410 Detection and differentiation of Influenza viruses using real time PCR on the Roche FLOW system
Throat swabs	Qualitative molecular detection of Measles virus RNA	MI.S2423 Detection of Measles virus using real time PCR on the Roche FLOW system
CSF	Qualitative molecular detection of Parechovirus RNA	MI.S2416 Detection of Enterovirus, Parechovirus and Varicella Zoster Virus (VZV) using Real time PCR on the Roche FLOW system



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Nose and/or throat swabs, nasopharyngeal aspirates, bronchoalveolar lavage and sputum	Detection of <i>Mycoplasma pneumoniae</i> DNA	MI.S2421 Detection of <i>Mycoplasma pneumoniae</i> DNA by DUAL-Target Real Time PCR on the Roche FLOW system
Nose and/or throat swabs, nasopharyngeal aspirates, bronchoalveolar lavage, sputum and blood	Qualitative molecular detection of <i>Pneumocystis jirovecii</i> DNA	MI.S2420 Detection of <i>Pneumocystis jirovecii</i> using real time PCR on the Roche FLOW system
Ulcer swabs and cerebrospinal fluid (CSF)	Qualitative molecular detection of <i>Treponema pallidum</i> DNA	MI.S2419 Detection of <i>Treponema pallidum</i> using real time PCR on the Roche FLOW system
Nose and/or throat swabs	Qualitative molecular detection of respiratory pathogens: <ul style="list-style-type: none"> • Influenza A virus, • Influenza A virus H1 • Influenza A virus H3 • Influenza A virus H1-2009 • Middle East Respiratory Syndrome coronavirus (MERS-CoV) 	Lab developed tests on BioFire according to SOPs: MI.S3202 BioFire FilmArray Torch instrument for syndromic screening of respiratory swabs



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Lab developed tests on BioFire according to SOPs:
CSF	Qualitative molecular detection of the following pathogens: <ul style="list-style-type: none"> • Escherichia coli K1 • Haemophilus influenzae • Listeria monocytogenes • Neisseria meningitidis (encapsulated) • Streptococcus agalactiae • Streptococcus pneumoniae • Cytomegalovirus • Enterovirus • Herpes simplex 1 and 2 • Human herpesvirus 6 • Human parechovirus • Varicella zoster virus • Cryptococcus neoformans/gattii 	MI.S3202 BioFire FilmArray Torch instrument for syndromic screening of respiratory swabs and CSF
Blood and faeces	Qualitative and quantitative molecular detection of Hepatitis E RNA	Lab developed tests on ABI 7500 fast according to SOPs
Blood	Quantitative detection of Human Herpes Virus 6 (HHV6) DNA	MI.S2430 Detection of Hepatitis E Virus (HEV) using the ALTONA real time RT-PCR kit
Guthrie Spots	Qualitative molecular detection of cytomegalovirus DNA	MI.S2402 Detection and quantitation of HHV6 using Altona RealStar
		MI.S1273 Real-time detection of CMV in dried blood spots (Guthrie cards) on the ABI Taqman 7500 fast



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Nose & Throat swab/NPA/BAL/ sputum	Middle East Respiratory Syndrome Coronavirus (MERS-CoV) RNA	MI.S3015 1-step real-time detection of novel coronavirus 2012 (upE assay)
Genital swabs/urine	Chlamydia trachomatis & Neisseria gonorrhoeaDNA screen and confirmation	In-house methods in conjunction with manufacturer's instructions for molecular sexually transmitted disease screening using Hologic Panther/ target amplification nucleic acid probe test : MI.S1442 Chlamydia Sample Processing
Nose Swabs, Throat Swabs, Nose and throat Swabs, Bronchial Lavage, Sputum, Nasopharyngeal aspirates	Qualitative detection of: <ul style="list-style-type: none"> • Influenza A • Influenza B • SARS-CoV-2 • Parainfluenza 1-4 • RSV • Adeno virus • RhinovirusHuman metapneumovirus 	In-house methods in conjunction with manufacturer's instructions for molecular respiratory screening using Hologic Panther Fusion MI.S3228 Operation and maintenance of the panther fusion system MI.S3229 Panther fusion respiratory virus reporting and authorising



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house methods in conjunction with manufacturer's instructions for Quantitative Real- Time/Viral genome copies using Abbott MR2000/ end-point detection using primers and probes:
Blood/Dried blood spots	Hepatitis C genotyping	MI.S2126 Hepatitis C Genotyping on the M2000sp
Plasma	Quantitation of: <ul style="list-style-type: none"> • <u>CMV</u> • <u>EBV</u> • <u>HIV</u> 	In-house methods in conjunction with manufacturer's instructions using Abbott Alinity m: MI.S1692 Operation and maintenance of Abbott Alinity m MI.S3225 Reporting and authorising of HBV, HIV, CMV and EBV viral loads MI.S1366 HBV DNA Testing of Hepatitis Infected Health Care Workers (HCWs)
Plasma and Serum	<ul style="list-style-type: none"> • Hepatitis B 	
Plasma, Serum, Dried Blood Spots	Quantitation of Hepatitis C	MI.S1692 Operation and maintenance of Abbott Alinity m MI.S3232 The Reporting and Authorising of HCV Qualitative, Quantitative and Genotyping Results



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In-house Block-based PCR/population sequencing in conjunction with manufacturer's instructions using Applied Biosystems SeqStudio 8 Flex sequencer:
Blood	Cytomegalovirus UL97 sequencing	MI.S1254 CMV UL97 Genotypic Assay MI.S2060 Using SeqScape to analyse DNA sequences for genotypic HIV-1, HBV, HIV-2 and CMV resistance testing. MI.S3222 Antiviral reporting and authorising for HIV-1 and 2 protease, reverse transcriptase and integrase, T20, CMV and HBV
Blood	Hepatitis B polymerase gene sequencing	MI.S1256 HBV Polymerase Genotypic Assay MI.S2060 Using SeqScape to analyse DNA sequences for genotypic HIV-1, HBV, HIV-2 and CMV resistance testing. MI.S3222 Antiviral reporting and authorising for HIV-1 and 2 protease, reverse transcriptase and integrase, T20, CMV and HBV
Blood	HIV1 Reverse transcriptase & protease gene sequencing	MI.S1109 One step RT HIV reverse transcriptase and protease gene PCR MI.S2060 Using SeqScape to analyse DNA sequences for genotypic HIV-1, HBV, HIV-2 and CMV resistance testing. MI.S3222 Antiviral reporting and authorising for HIV-1 and 2 protease, reverse transcriptase and integrase, T20, CMV and HBV



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Blood	HIV1 Integrase gene sequencing	MI.S1925 HIV Integrase PCR MI.S2060 Using SeqScape to analyse DNA sequences for genotypic HIV-1, HBV, HIV-2 and CMV resistance testing. MI.S3222 Antiviral reporting and authorising for HIV-1 and 2 protease, reverse transcriptase and integrase, T20, CMV and HBV
Positive Mycobacterium culture grown in MGIT or LJ slope	Generation of Mycobacteria Next Generation Sequencing data (sampling through to sequencing) for the purposes of subsequent Mycobacterium Species identification, drug resistance prediction for Rifampicin and Isoniazid of tuberculosis complex isolates	Whole genome sequencing of Mycobacterial isolates using: Manual extraction using FastPrep-24 homogeniser, purification by AMPure XP beads, followed by DNA concentration measure by Qubit : MI.S3041 DNA extraction for MiSeq from a positive Mycobacterium culture. Reporting/ interpretation using the UKHSA bioinformatics pipeline (UKAS Number 10742) Next Generation Sequencing using Mycobacteria DNA libraries : MI.S3035 Nextera XT library preparation without beads. MI.S3038 Preparing of DNA pool and loading onto the MiSeq Instrument



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Nose and/or throat swabs	Next generation sequencing of SARS-CoV-2 for the purpose of lineage determination and public health analysis	Automated nucleic acid extraction on the Roche MagNApure 96, PCR amplification of the entire SARS-CoV-2 genome using ARTIC primers, automated library preparation using the Beckman Biomek i7 and sequencing using Illumina platforms (MiSeq, MiniSeq, or NextSeq1000) Reporting/ interpretation using the UKHSA bioinformatics pipeline (UKAS Number 10742)
		according to SOPs: MI.S3223 SARS-CoV-2 Sequencing: Pre-analytical processes
		MI.S3212 SARS-COV-2 Sequencing Data Processing: Generating a Sample Sheet using SLIMS
		MI.S3208 SARS-CoV-2 NGS: Nucleic Acid Extraction, Reverse Transcription (RT), ARTIC PCR and Library Preparation
		MI.S3209 Preparation of a SARS-CoV-2 NGS library pool and the procedure for loading on to the Illumina MiniSeq, MiSeq and NextSeq1000 instruments
	<u>Serology examination activities for the purpose of clinical diagnosis</u>	In house methods in conjunction with manufacturer's instructions using Diasorin Liaison XL
Blood	Epstein Barr virus (EBV) - screening & confirmation	MI.X021 EBNA Liaison XL
Blood	Herpes Simplex 1&2 antibody	MI.X019 HSV IgG Liaison XL
Blood	HTLV I/II antibody	MI.X060 HTLV Liaison XL insert
Blood	Measles IgG	MI.X016 Measles IgG Liaison XL
Blood	Measles IgM	MI.X058 Measles IgM Liaison XL
Blood	Mumps IgG	MI.X017 Mumps IgG Liaison XL



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Blood	Mumps IgM	MI.X059 Mumps IgM Liaison XL
Blood	Parvovirus IgG	MI.X910 Parvo plus IgG
Blood	<u>Parvovirus IgM</u>	MI.X910 Parvo plus IgM
Serum Plasma	HIV-1 and HIV-2 antibodies and	Detection of HIV 1 & 2 antigen & antibodies using the Diasorin Liaison XL according to SOPs: MI.S2037 Liaison XL User Guide MI.S2087 Liaison XL Reporting
Serum Plasma	HEV IgG and IgM antibody	Detection of Hepatitis E IgG & IgM using the Diasorin Liaison XL according to SOPs: MI.S2037 Liaison XL User Guide MI.S2087 Liaison XL Reporting
Blood	Treponema pallidum (syphilis) Total Antibody'confirmation	MI.X1553 Treponema screen Liaison XL In house methods in conjunction with manufacturer's instructions using Launch DS2
Blood	Detection of Aspergillus galactomannan antigen	MI.X399 Biorad EIA Galactomannan test MI.S2444 Aspergillus/Galactomannan Antigen EIA
Urine	Legionella antigen	MI.S1939 Legionella Antigen Detection in urine samples
Blood	Syphilis IgM	MI.S2555 MIKROGEN SYPHILIS IgM EIA In house methods in conjunction with manufacturer's instructions using Biomerieux VIDAS
Blood	HbsAg confirmation	MI.S1959 VIDAS HBsAg MI.S1947 VIDAS Processing
Blood	Cytomegalovirus (CMV) avidity	In-house methods in conjunction with manufacturer's instructions using MI.S1082 VIDAS CMV IgG avidity II (CMVA)
Blood	Streptococcal Antibody	Manual latex agglutination kit with visual interpretation in conjunction with manufacturer's instructions using Instrumentations Laboratory - Rheumatest ASO MI.S1942 Streptococcal Antibody by latex



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Serology examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house methods in conjunction with manufacturer's instructions using Biomerieux VIDAS
Blood	Cryptococcal Antigen	Manual latex agglutination kit with visual interpretation in conjunction with manufacturer's instructions using ALPHA Laboratories - Latex assay MI.S1941 Cryptococcal antigen latex test
Blood CSF	Rapid plasma reagin (RPR) for the detection of cardiolipins (syphilis algorithm)	Manual flocculation test on slide with visual interpretation in conjunction with manufacturer's instructions using RPR (rapid plasma reagin) ASI MI.S1936 Syphilis RPR
Blood	Qualitative assay for the confirmation and differentiation of individual antibodies to HIV 1 and 2	Manual immunochromatographic test with visual interpretation in conjunction with manufacturers instructions using Bio-Rad Geenius HIV 1 and 2 confirmatory assay MI.S3054 Geenius HIV 1 and 2 confirmatory assay
Urine	Legionella antigen	Manual line immunoassay with visual interpretation in conjunction with manufacturer's instructions using – TRU Legionella MI.S1673 TRU Legionella urine antigen
Externally generated results provided from UKAS accredited laboratory 8910 from the Abbott Alinity system for:	Clinical interpretation and reporting of results received from external laboratory	MI.S1103 Serology Specimen Reception, Processing and Filing MI.S2084 Testing and Reporting of Serology Samples on the Abbott Alinity Platform
Cytomegalovirus (CMV) IgG		
Cytomegalovirus (CMV) IgM		
Hepatitis A IgG		
Hepatitis A IgM		
Hepatitis B surface antibody		



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Materials/ Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Externally generated results provided from UKAS accredited laboratory 8910 from the Abbott Alinity system for: (cont'd)</p> <p>Hepatitis B surface antigen confirmation</p> <p>Hepatitis B core IgM</p> <p>Hepatitis B core antibody</p> <p>Hepatitis B e antibody</p> <p>Hepatitis B e antigen</p> <p>Hepatitis B surface antigen screen</p> <p>Hepatitis C antibody screen</p> <p>HIV 1/ 2 antigen/antibody screen</p> <p>Antibody to Treponema pallidum (syphilis)</p> <p>Rubella IgG</p> <p>Rubella IgM</p> <p>Toxoplasma IgG</p> <p>Toxoplasma IgM</p>	<p><u>Serology examination activities for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Clinical interpretation and reporting of results received from external laboratory (cont'd)</p>	<p>In house methods in conjunction with manufacturer's instructions using Biomerieux VIDAS</p> <p>MI.S1103 Serology Specimen Reception, Processing and Filing</p> <p>MI.S2084 Testing and Reporting of Serology Samples on the Abbott Alinity Platform</p>
END		