

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2012</p>	Public Health England, Public Health Laboratory Birmingham	
	Issue No: 002 Issue date: 20 June 2017	
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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' (SMLs)' and incorporating manufacturers' instructions where relevant:
Urine	General isolation and characterisation of bacterial and fungal isolates of clinical significance	In conjunction with manufacturer's instructions using Biomerieux UF1000 and manual plate reading MI.S2022 Use of UF 1000 MI.S1173 Primary processing of urines MI.S1174 Reading urine cultures MI.S1235 Reading of urines MI.N1244 Urine manual microscopy
Swabs: Wound Skin Genital	General isolation and characterisation of bacterial and fungal isolates of clinical significance	In conjunction with manufacturer's instructions using Biomerieux Previ Isola and manual plate reading MI.S1416 Processing of main Lab bacteriology samples. MI.S1910 Single organism screens MI.S2068 Previ isolata MI.S1427 General bench plate read. MI.S1335 Examination of screening swabs from neonatal unit MI.S1288 GUM read incl identification of N. gonorrhoea MI.S 1869 Investigation of high vaginal and cervical swabs in the laboratory MI.S1213 Examination of screening swabs for MRSA
Whole Blood Sterile Body Fluids	General isolation and characterisation of bacterial and fungal isolates of clinical significance	In conjunction with manufacturer's instructions using Biomerieux BactAlert and manual plate reading MI.S1440 Blood cultures processing and read MI.S1191 processing of positive blood cultures



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Respiratory samples – Sputum, lavages. Swabs/ CSF/ Fluids and Tissues/ Faeces/ Skin/Nails/Hair</p> <p>Cultures isolated in house from above methods</p> <p>Cultures isolated in house from above methods</p> <p>Faeces, Urine, tape impressions of anal area</p> <p>Faeces</p>	<p><u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>General isolation and characterisation of bacterial and fungal isolates of clinical significance</p> <p>Antimicrobial susceptibility testing of bacterial and fungal isolates of clinical significance</p> <p>Antimicrobial susceptibility testing of bacterial and fungal isolates of clinical significance</p> <p>Examination for the presence of parasites (ova, cysts, trophozoites and worms) of clinical significance</p> <p>Identification of; Giardia lamblia & Cryptosporidium; Clostridium difficile toxin; Clostridium difficile GDH</p>	<p>In House documented methods based on related UK Standards for Microbiology Investigations' (SMLs)':</p> <p>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.S1481 Medical Mycology procedures and techniques</p> <p>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</p> <p>In house disc diffusion antimicrobial susceptibility testing methods in conjunction with EUCAST guidelines. MI.S1216 Reading & reporting EUCAST sensitivity results MI.S2160 Reading & reporting EUCAST disc diffusion testing on urines, swabs & respiratory susceptibility results MI.S1229 Putting up antimicrobial susceptibility tests by EUCAST MI.S1281 Enteric sensitivity testing and processing of blood cultures suspected of containing hazard group 3 isolates</p> <p>Manual microscopy MI.S1349 Identification of parasites</p> <p>Automated processing - in conjunction with manufacturer's instructions using Dynex DS2 MI.S1424 Giardia/Cryptosporidia EIA testing MI.S2072 Clostridium difficile EIA investigation</p>



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In House documented methods based on related UK Standards for Microbiology Investigations' (SMIs):
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 MIGIT960, BD Bactec MGIT190, BD Bactec 9050 and BD Bactec FX40 MI.S1036 RCM Sample processing MI.S1059 Isolation of mycobacteria from blood and bone marrow MI.S1336 RCM sensitivity testing for M. tuberculosis
Cultured isolates produced by the laboratory	Identification of bacterial and fungal isolates of clinical significance	Automated - BRUKER/BD MalDI-TOF by Matrix- assisted laser desorption/ionization, in conjunction with manufacturer's instructions. MI.S1492 Microbial species identification by MALDI- TOF
HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u>	In house PCR methods in conjunction with manufacturer's instructions using :
Sputum/lavages/ swabs/fluids/ tissues	Identification of Mycobacteria DNA	Cepheid Genexpert MI.S2073 Use of the Xpert MTB/RIF assay of Cepheid Genexpert system Bee blot, in conjunction with manufacturer's instructions using Hain analyser MI.S1058 Hain genotyping PCR
Culture Isolates produced by the laboratory	Mycobacterial Typing	In house methods in conjunction with manufacturer's instructions using Transgenomic wave analyser DHPLC MI.S1069 RCM principles of typing MI.S1045 DNA extraction for genotyping, VNTR and MIRU MI.S1057 Wave VNTR and MIRUPCR set up
Bacterial culture isolates	Molecular detection of Carbapenemase producing Enterobacteriaceae	In house methods in conjunction with manufacturers instructions using PCR ABI Taqman 7500 fast MI.S1532 Rapid carbapenemase testing (CPE RT- PCR) SOP



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis</u>	In house methods in conjunction with manufacturer's instructions using PCR/ABI 3130XL
Culture Isolates produced by the laboratory	Clostridium difficile ribotyping	Sequencer/population sequencing Clostridium difficile PCR - Ribotyping. MI.S1302 Clostridium difficile PCR-Ribotyping MI.S2124 C. difficile Culture MI.S1303 Analysis of C.difficile PCR ribotyping profiles using Bionumerics
Culture Isolates produced by the laboratory	Identification of E Coli 0157 DNA	In house methods in conjunction with manufacturer's instructions using PCR ABI 7500 fast taqman MI.S2094 E.Coli VTEC SOP MI.S2095 Booking in and Reporting E Coli VTEC O157
Fluids/ Tissues	Detection and identification of Bacteria DNA from sterile sites	In house methods for extraction by Roche compact, detection on ABI 7500 fast taqman and sequencing on ABI sequencer in conjunction with manufacturer's instructions. MI.S2110 DNA Extraction for 16s PCR MI.S2111 16s PCR MI.S2112 PHE 16s Sequencing MI.S2113 PHE 16s Sequencing Analysis
Faeces	Identification of C difficile DNA	In house methods in conjunction with manufacturer's instructions using Cepheid Genexpert MI.S2097 Use of Cepheid Genexpert for C difficile and reporting In-house methods in conjunction with manufacturer's instructions using real time PCR/ ABI Taqman 7500 fast/ end-point detection using primers and probes : MI.S1130 Qiagen MDX operation MI.S1132 Setting up PCR reactions using the Qiagen Biorobot MI.S1122 Preparation of Taqman assay reaction mastermixes MI.S1183 Interpretation of ABI 7500 Fast results MI.S1184 Transferring Data Files from Qiagen Biorobot to ABI 7500 Fast Real-time System
Faeces/Urine/ Blood/CSF	Qualitative & quantitative detection of Adenovirus DNA	MI.S1233 Detection of adenovirus DNA using ABI 7500 fast



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house methods in conjunction with manufacturer's instructions using real time PCR/ ABI Taqman 7500 fast/ end-point detection using primers and probes :
Pernasal swab/Nose swab	Molecular detection of Bordetella pertussis	MI.S3037 Detection of Bordetella pertussis by real time PCR
Blood/Urine/ Dried blood spot/ Guthrie Spots/ Vitreous fluids/ CSF/Nose & Throat swab/ NPA/BAL/Sputum	Qualitative & quantitative detection of Cytomegalovirus DNA	MI.S1273 Guthrie card extraction using the EZ1 DNA investigator kit MI.S1212 CMV QPCR by ABI7500 fast
Blood/CSF	Epstein Barr virus DNA	MI.S1436 Detection of EBV by Real Time PCR
Faeces/CSF	Enterovirus RNA	MI.S3011 Real time detection of enteroviruses and parechoviruses
Blood	Qualitative & quantitative detection of Hepatitis E RNA	MI.S3053 Detection of Hepatitis E Virus using the FastTrack Diagnostics real time RT-PCR kit
Genital Swab	Herpes simplex Virus Type I & II DNA	MI.S1286 Detection of HSV DNA in Genital Swabs using the ABI 7500 fast MI.S1279 Investigation of genital ulcerative disease (GUD) by real-time PCR MI.S1234 Detection of HSV and VZV DNA using the ABI 7500 fast
CSF/ Mouth swabs/ Nose & Throat swab/NPA/BAL/ sputum	Herpes simplex Virus Type I & II DNA	MI.S1234 Detection of HSV and VZV DNA using the ABI 7500 fast
Nose & Throat swab/NPA/BAL/ sputum	Influenza H5N1 RNA	MI.S1123 1-Step taqman detection of Flu A, B and H5
Nose & Throat swab/NPA/BAL/ sputum	Influenza H7N9 RNA	MI.S3018 One-step real-time RT-PCR for detection of Influenza A (H7) Eurasian lineage viruses



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Molecular microbiology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In-house methods in conjunction with manufacturer's instructions using real time PCR/ ABI Taqman 7500 fast/ end-point detection using primers and probes :
Nose & Throat swab/NPA/BAL/ sputum	Respiratory virus screen for: Influenza A, Influenza B, Parainfluenza 1 -4, RSV, Rhinovirus, Human metapneumovirus and Adenovirus	MI.S1199 One-step detection of respiratory viruses
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)
Nose & Throat swab/NPA/BAL/ sputum	Influenza typing	MI.S1199 One-step detection of respiratory viruses
Nose & Throat swab/NPA/BAL/ sputum	Mycoplasma pneumoniae DNA	MI.S3024 Detection of Mycoplasma pneumoniae DNA by Taqman 7500 PCR
Faeces/Vomit	Norovirus RNA	MI.S1185 One Step Norovirus RT PCR on the Taqman 7500
Nose & Throat swab/NPA/BAL/ sputum	Pandemic H1N1 2009 Oseltamivir resistance screening	MI.S2023 Pandemic H1N1 2009 Oseltamivir resistance screening assay (1-step Taqman assay)
Faeces/CSF	Parechovirus	MI.S3011 Real time detection of enteroviruses and parechoviruses
Nose & Throat swab/NPA/BAL/ sputum/blood	Pneumocystis jirovecii DNA	MI.S3032 Detection of Pneumocystis jirovecii DNA by Taqman PCR on the ABI 7500 fast



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Nose & Throat swab/NPA/BAL/ sputum	Swine flu screen (H1) RNA	MI.S1123 1-Step taqman detection of Flu A, B and H5 MI.S1199 One-step detection of respiratory viruses
Vitreous Fluids/CSF	Varicella Zoster DNA	MI.S1234 Detection of HSV and VZV DNA using the ABI 7500 fast
Genital swabs/urine	Chlamydia & N. gonorrhoea DNA 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.S1394 C.trachomatis and N. gonorrhoeae MI.S1442 Chlamydia Sample Processing
Blood	Hepatitis B viral load	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: MI.S2074 HBV viral load testing on the m2000sp MI.S1366 Protocol for HBV DNA testing of Hepatitis B infected health care workers
Blood	Hepatitis C viral load HIV viral load	MI.S2075 Hepatitis C and HIV viral load testing on the m2000sp
Blood/Dried blood spots	Hepatitis C genotyping	MI.S2126 Hepatitis C Genotyping on the M2000sp
Blood	Cytomegalovirus UL97 sequencing	In-house Block-based PCR/population screening in conjunction with manufacturer's instructions using ABI 3130XL sequencer : MI.S1254 CMV UL97 Genotypic Assay MI.S1260 CMV Sequence Analysis
Blood	Hepatitis B polymerase gene sequencing	MI.S1256 HBV Polymerase Genotypic Assay MI.S1116 HBV Genotypic Analysis



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Blood	HIV1 Reverse transcriptase & protease gene sequencing	MI.S1109 One step RT HIV reverse transcriptase and protease gene PCR MI.S1115 Analysis and Interpretation of HIV-1 Reverse Transcriptase and Protease Genotypic tests
Blood (plasma)	HIV1 Receptor prediction test (CCR5 RNA)	MI.S2052 CCR5 Assay: Amplification of Plasma RNA MI.S2070 Analysis and Interpretation of HIV-1 CCR5 Tropism Genotypic Tests In-house Block-based PCR/population screening in conjunction with manufacturer's instructions using ABI 3130XL sequencer :
Blood (PBMC)	HIV1 Receptor prediction test (CCR5 DNA)	MI.S2051 CCR5 Tropism Assay: Amplification of Proviral DNA MI.S2070 Analysis and Interpretation of HIV-1 CCR5 Tropism Genotypic Tests
Blood	HIV1 infusion inhibitor (T20) gene sequencing	MI.S1517 One step RT HIV T20 Gene PCR MI.S1258 Analysis and Interpretation of gp41-T20 Genotypic tests
Blood	HIV1 Integrase gene sequencing	MI.S1925 HIV Integrase PCR MI.S1926 Analysis and Interpretation of HIV-1 Integrase Genotypic Tests
Blood	HIV 2 Reverse transcriptase & protease gene sequencing	MI.S1443 HIV-2 Reverse Transcriptase and Protease Gene PCR MI.S1447 HIV2 Primer sequences MI.S1458 Analysis and Interpretation of HIV-2 RT and Protease Genotypic Tests



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Serology examination activities for the purpose of clinical diagnosis</u>	In house methods in conjunction with manufacturer's instructions using Abbott Architect
Blood	Cytomegalovirus (CMV) IgG Cytomegalovirus (CMV) IgM	BS.R633 ARCHITECT CMV IgG Reagents MSDS BS.R634 ARCHITECT CMV IgG Calibrators MSDS BS.R635 ARCHITECT CMV IgG Controls MSDS BS.X611 Information for analysis of CMV IgG using the Abbott iSystems analyser BS.S630 ARCHITECT CMV IgM Reagent Kit MSDS BS.S631 ARCHITECT CMV IgM Calibrator Kit MSDS BS.S632 ARCHITECT CMV IgM Control Kit MSDS BS.X612 Information for analysis of CMV IgM using the Abbott iSystems analyser
Blood	Hepatitis A IgG	BS.R642 ARCHITECT HAVAb-IgG Assay MSDS BS.R643 ARCHITECT HAVAb-IgG Calibrator MSDS BS.R644 ARCHITECT HAVAb-IgG Controls MSDS BS.X615 Information for analysis of HAVAb-IgG (Hepatitis A) using the Abbott iSystems analyser
Blood	Hepatitis B surface antibody	BS.R651 ARCHITECT Anti-HBs Reagent Kit MSDS BS.R652 ARCHITECT Anti-HBs Calibrator Kit MSDS BS.R653 ARCHITECT Anti-HBs Control Kit MSDS BS.X618 Information for analysis of Anti-HBs (Hepatitis B Surface Antibody) using the Abbott iSystems analyser
Blood	Hepatitis B surface antigen screen	BS.R610 ARCHITECT HBsAg Qualitative II Reagent Kit BS.R611 ARCHITECT HBsAg Qualitative II Calibrators MSDS BS.R612 ARCHITECT HBsAg Qualitative II Controls MSDS BS.X064 Information for analysis of HBsAg Qualitative II using the Abbott iSystems analyser
Blood	Hepatitis B surface antigen confirmation	BS.R616 ARCHITECT HBsAg Qualitative II Confirmatory Reagent Kit MSDS BS.R617 ARCHITECT HBsAg Qualitative II Confirmatory Manual Diluent MSDS BS.X606 Information for analysis of HBsAg Qualitative II Confirmatory using the Abbott iSystems analyser



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Serology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house methods in conjunction with manufacturer's instructions using Abbott Architect (cont'd)
Blood	Hepatitis B core IgM	BS.R624 ARCHITECT Anti HBc-IgM Reagent Pack MSDS BS.R625 ARCHITECT Anti HBc-IgM Calibrators MSDS BS.R626 ARCHITECT Anti HBc-IgM Controls MSDS BS.X609 Information for analysis of Anti-HBc IgM using the Abbott iSystems analyser
Blood	Hepatitis B core antibody	BS.R613 ARCHITECT Anti-HBcII Reagent Kit (2000 Test) MSDS BS.R614 ARCHITECT Anti-HBcII Calibrator Kit MSDS BS.R615 ARCHITECT Anti-HBcII Control Kit MSDS BS.X605 Information for analysis of Anti-HBc II (Core Ab) using the Abbott iSystems analyser
Blood	Hepatitis B e antibody	BS.R618 ARCHITECT Anti HBe Reagent Pack MSDS BS.R619 ARCHITECT Anti-HBe Calibrator Kit MSDS BS.R620 ARCHITECT Anti-HBe Control Kit MSDS BS.X607 Information for analysis of Anti-HBe using the Abbott iSystems analyser
Blood	Hepatitis B e antigen	BS.R621 ARCHITECT HBeAg Reagent Pack MSDS BS.R622 ARCHITECT HBeAg Calibrator Kit MSDS BS.R623 ARCHITECT HBeAg Control Kit MSDS BS.X608 Information for analysis of HBeAg using the Abbott iSystems analyser
Blood	Hepatitis C IgG screen	BS.R627 ARCHITECT Anti-HCV Reagent Kit BS.R628 ARCHITECT Anti-HCV Calibrator Kit MSDS BS.R629 ARCHITECT Anti-HCV Control Kit MSDS BS.X610 Information for analysis of Anti-HCV (Hepatitis C) using the Abbott iSystems analyser



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Blood	HIV 1/2 antigen/antibody screen	BS.R601 ARCHITECT HIV Ag/Ab Combo Reagent Kit MSDS BS.R602 ARCHITECT HIV Ag/Ab Combo Calibrator MSDS BS.R603 ARCHITECT HIV Ag/Ab Combo Controls MSDS BS.X601 Information for analysis of HIV Ag/Ab Combo using the Abbott iSystems analyser
Blood	Rubella IgG	BS.R607 ARCHITECT Rubella IgG Reagent Kit MSDS BS.R608 ARCHITECT Rubella IgG Calibrators MSDS BS.R609 ARCHITECT Rubella IgG Controls MSDS BS.X603 Information for analysis of Rubella IgG using the Abbott iSystems analyser
Blood	Qualitative detection of antibody to Syphilis TP	BS.R604 ARCHITECT Syphilis Reagent MSDS BS.R605 ARCHITECT Syphilis Calibrator MSDS BS.R606 ARCHITECT Syphilis Controls MSDS BS.X602 Information for analysis of Syphilis TP using the Abbott iSystems analyser
Blood	Toxoplasma IgG	BS.R636 ARCHITECT Toxo IgG Reagent Kit MSDS BS.R637 ARCHITECT Toxo IgG Calibrator Kit MSDS BS.R638 ARCHITECT Toxo IgG Control Kit MSDS BS.X613 Information for analysis of TOXO IgG using the Abbott iSystems analyser
Blood	Toxoplasma IgM	BS.R639 ARCHITECT Toxo IgM Reagents MSDS BS.R640 ARCHITECT Toxo IgM Calibrator MSDS BS.R641 ARCHITECT Toxo IgM Controls MSDS BS.X614 Information for analysis of TOXO IgM using the Abbott iSystems analyser
Blood	Cytomegalovirus (CMV) Avidity	In house methods in conjunction with manufacturer's instructions using Diasorin Liaison XL MI.X024 CMV IgG Avidity Liaison XL
Blood	Epstein Barr virus (EBV) - screening & confirmation	MI.X021 EBNA Liaison XL



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Dried Blood Spot	Hepatitis B antigen Hepatitis C antigen HIV antigen	MI.S1381 Blood Spot Processing
Blood	Herpes Simplex 1&2 antigen	MI.X019 HSV IgG Liaison XL
Blood	Measles IgG	MI.X016 Measles IgG Liaison XL
Blood	Measles IgM	MI.S058 Measles IgM Liaison XL
Blood	Mumps IgG	MI.X017 Mumps IgG Liaison XL
Blood	Mumps IgM	MI.X059 Mumps IgM Liaison XL
Blood	Parvovirus IgM	MI.X022 Parvo IgM Liaison XL
Blood	Parvovirus IgG	MI.X023 Parvo IgG Liaison XL
Blood	Varicella Zoster IgG	MI.X026 Varicella Zoster IgG Liaison XL
Blood	Varicella Zoster IgM	MI.X018 VZ IgM Liaison XL
Blood	Helicobacter IgG	In house methods in conjunction with manufacturer's instructions using Launch DS2 MI.S1980 Premier H.Pylori IgG
Blood/Dried Blood Spot	Hepatitis B core antibody	MI.S1381 Blood Spot Processing
Blood	Hepatitis C IgG confirmation	MI.S074 Diasorin Liaison XL Murex Hepatitis C antibody kit insert MI.S2037 Liaison XL User guide
Blood	Hepatitis E IgG	MI.S1981 Mikrogen Hepatitis E (HEV) IgG EIA
Blood	Hepatitis E IgM	MI.S1982 Hepatitis E (HEV) IgM EIA
Urine	Legionella antigen	MI.S1939 Legionella Antigen Detection in urine samples
Blood	Syphilis IgM	MI.S2555 MIKROGEN SYPHILIS IgM EIA



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Serology examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house methods in conjunction with manufacturer's instructions using Biomerieux VIDAS
Blood	Hepatitis A IgG confirmation	MI.S2999 VIDAS Hepatitis A Total
Blood	Hepatitis B antigen confirmation	MI.S1959 VIDAS HBsAg MI.S1947 VIDAS Processing
Blood	HIV antigen confirmation	In house methods in conjunction with manufacturer's instructions using MI.S1954 VIDAS HIV Ultra and HIV p24 MI.S1947 VIDAS Processing
Blood	Streptococcal Antigen	Manual latex agglutination kit with visual interpretation in conjunction with manufacturer's instructions using Instrumentations Laboratory - Rheumatest ASO MI.S1942 Streptococcal Antibody by latex MI.S1945 Streptococcal Antibody reporting
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	Syphilis TPPA	Manual latex agglutination assay with visual interpretation in conjunction with manufacturer's instructions using Serrodia TPPA MI.S1937 Syphilis TPPA
Blood	Treponema pallidum antigen confirmation	Manual line immunoassay with visual interpretation in conjunction with manufacturer's instructions using - INNOLIATM SYPHILIS score- Line Assay MI.S2090 SYPHILIS SCORE (Innogenetics) MANUAL METHOD
Blood CSF	Treponema pallidum antigen confirmation	Manual flocculation test on slide with visual interpretation in conjunction with manufacturer's instructions using RPR Reditest MI.S1936 Syphilis RPR



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Blood	HIV antigen confirmation	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
Blood	HIV antigen confirmation	Manual line immunoassay with visual interpretation in conjunction with manufacturer's instructions using - INNOLIA HIV 1/2 score - Line Assay; Determine HIV1/2 Ab/Ag combo; ELISA MI.S1319 INNO-LIA HIV I/II Score (Immunogenetics) MI.S1944 Determine HIV -1/2
Urine	Legionella antigen	Manual rapid immunoassay test with visual interpretation in conjunction with manufacturer's instructions using - NOW legionella MI.S1940 Legionella Binax now
Urine	Streptococcus pneumoniae Antigen	Manual rapid immunoassay test with visual interpretation in conjunction with manufacturer's instructions using - NOW Strep pneumonia MI.S1326 Streptococcus pneumoniae urine antigen Binax
Faeces	Adenovirus antigen Rotavirus antigen	Manual immunoassay test with visual interpretation in conjunction with manufacturer's instructions using the Vikia test pack MI.S2005 Detection of Rotavirus and Adenovirus by VIKIA test pack
END		