


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>9101</b> Accredited to ISO 15189:2012	<b>The Royal Wolverhampton NHS Trust operating as Black Country Pathology Services</b>	
	Issue No: 002    Issue date: 21 December 2018	
	<b>Department of Microbiology</b> Walsall Manor Hospital Moat Road Walsall West Midlands WS2 9PS	<b>Contact: Stephen Farley</b> Tel: +44 (0)1922 721172 E-Mail: <a href="mailto:stephen.farley@rwt.nhs.uk">stephen.farley@rwt.nhs.uk</a> Website: <a href="http://walsallhealthcare.nhs.uk">walsallhealthcare.nhs.uk</a>

**Testing performed by the Organization at the locations specified below**

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<b>Address:</b> Department of Microbiology Walsall Manor Hospital Moat Road Walsall West Midlands WS2 9PS  <b>Local contact</b> Stephen Farley	Microbiology examination activities for the purposes of clinical diagnosis	A

#### Site activities performed away from the locations listed above:

Location details	Activity	Location code
<b>Address:</b> Department of Genito-Urinary Medicine WISH Centre Walsall Manor Hospital Moat Road, Walsall West Midlands WS2 9PS  <b>Local contact</b> Stephen Farley	Microbiology examination activities for the purpose of clinical diagnosis	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 TISSUE and FLUIDS	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures following current Public Health England Standards for Microbiological Investigation (SMI) in conjunction with manufacturer's instructions (where applicable)	
Routine samples: Aspirates Cellular and fluid material contained on swabs	<u>General Bacteriology</u>  Isolation of microorganisms of clinical significance	Automated inoculation using I2A PreLUD analyser Main Bench: Microbiology 525 Test: Microbiology 530	A
Fluids Tissues catheter tips and lines	Isolation of microorganisms of clinical significance	Manual inoculation of selected culture media and identification using in-house procedures Main Bench: Microbiology 525	
Genital samples intrauterine contraceptive devices	Isolation of microorganisms of clinical significance	Manual inoculation of selected culture media and identification using in-house procedures Genital: Microbiology 385	A
CSF	Isolation of microorganisms of clinical significance	Manual inoculation of selected culture media and identification using in-house procedures CSF: Microbiology 263	A
Whole blood	Isolation of microorganisms of clinical significance	Becton Dickinson Bactec Fx Fluorometric growth detection using in-house procedures:  Blood cultures: Microbiology 17 Bacteriological Investigation of Adverse Reactions Associated with Transfusion: Microbiology 517	A



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HUMAN TISSUE AND FLUIDS (cont'd)	<u>Microbiological examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current PHE SMI in conjunction with manufacturer's instructions (where applicable)	
Nose groin and axilla	<u>General Bacteriology</u> Isolation of MRSA	Manual inoculation of selected culture media and identification using in-house procedures MRSA screening: Microbiology 352	A
Faeces and rectal swabs	Isolation and identification of Carbapenemase resistant organisms (CRO)	Manual inoculation of selected culture media and identification using in-house procedures Carbapenem Resistant Organisms (CROs): Microbiology 452	A
Urine		Urines: Microbiology 12	
Cultures isolated in-house from routine and blood samples listed above	Identification of microorganisms of clinical significance	Biomerieux Vitek 2 Compact and manual methods Vitek Compact 33 Identification of Bacteria SOP 567	A
Swabs Tissue Fluids Cultures isolated in-house from samples listed above	Detection, identification and quantification of: White blood cells Red blood cells Bacterial cells Yeasts and fungal hyphae	Staining (inc. Gram) and microscopic examination using Olympus BX 41 and in-house procedure:  Main Bench: Microbiology 525	A
CSF	Quantitation of: white blood cells and differential red blood cells	Microscopic examination using Olympus BX 41, counting chamber and in-house procedure: Olympus BX 41 CSF: Microbiology 263	A
Fluids from sterile sites	Detection and identification of monosodium urate and calcium pyrophosphate crystals	Microscopic examination using Olympus BX 41 polarised light and in-house procedure: Main Bench: Microbiology 525	A



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HUMAN TISSUE and FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current PHE SMI in conjunction with manufacturer's instructions (where applicable)	A
Urine	<u>General Bacteriology</u> Detection and quantification of: White blood cells Red blood cells Bacterial cells Epithelial cells	Sysmex UF1000i flow cytometry and manual microscopy using in house procedures: Urines: Microbiology 12 Main Bench: Microbiology 525	A
Urine	Isolation and characterisation of microorganisms of clinical significance	Manual inoculation of culture media and identification using in-house procedures Urines: Microbiology 12 Main Bench: Microbiology 525	A
Respiratory Samples: Sputum Bronchoalveolar lavage, Tissue Sterile fluids	Isolation and characterisation of microorganisms of clinical significance	Manual inoculation of selected culture media and identification using in-house procedures Respiratory culture: Microbiology 330	A
Sputum Bronchoalveolar lavage Tissue Urine Sterile fluids	Preparation of MGIT bottles for isolation of presumptive acid-fast bacilli (inc. Mycobacteria sp.)	Preparation and inoculation of Bactec MGIT bottles followed by Ziehl Neelsen and Auramine Phenol staining and microscopic examination using Olympus BX 41 and light and fluorescent microscopy using in-house procedures:  Specimens for Mycobacteria: Microbiology 420 Staining Procedures Microbiology 333 Referred specimens: Microbiology 27	A



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HUMAN TISSUE and FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current PHE SMI in conjunction with manufacturer's instructions (where applicable)	A
Bacterial cultures isolated in-house from all samples listed above	<u>General Bacteriology</u> Antimicrobial susceptibility testing and determination of minimum inhibitory concentration (MIC)	Automated method using Biomerieux Vitek 2 Compact and manual methods BSAC and M.I.C.E. and ETest using in-house procedures: Susceptibility Testing by B.S.A.C.: Microbiology 530	A
Skin scrapings hair, nail clippings & body tissues	General isolation and characterisation of fungi of clinical significance	Manual inoculation of selected culture media and identification light microscopy with Olympus BX 41 and KOH using in-house procedures Mycology: Microbiology 14	A
Urine	Detection of <i>Legionella pneumophila</i> serotype 1 antigen	Meridien Tru Immunochromatographic assay using in-house procedure: Legionella Urine Antigen test: Microbiology 346	A
Urine	Detection of <i>S. pneumoniae</i> soluble antigen	Binax NOW <i>S. pneumoniae</i> immunochromatographic assay using in-house procedure: Streptococcus pneumoniae urinary antigen test SOP 57	A
Faeces	Detection of <i>C. difficile</i> GDH antigen	TechLab manual EIA using in-house procedure: Faeces: Microbiology 301 C DIFF CHECK – 60	A
	Detection of <i>C. difficile</i> toxin A/B	TechLab C DIFF TOX A/B II	A



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HUMAN TISSUE and FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures following current PHE SMI in conjunction with manufacturer's instructions (where applicable)	A
Faeces	<u>General Bacteriology</u> Detection of Rotavirus and Adenovirus	Manual method with Corisbio GastroVir Combi immunochromatographic strip using in-house procedure: Microbiology 301	A
Faeces	Examination for the presence of parasites (ova, cysts, trophozoites and worms etc) of clinical significance	Parasep concentration system and manual microscopy with Olympus BX 41 and Lugols Iodine using in-house procedure: Faeces: Microbiology 301	A
Faeces	Detection and identification of cryptosporidium oocysts	Manual staining using auramine phenol stain and manual fluorescent microscopy using in-house procedure: Faeces: Microbiology 301	A
Urine	Detection of ova of S. haematobium	Manual microscopy with Olympus BX 41 using in-house procedure: Urinalysis: Microbiology 12	A
Serum unless otherwise specified:	<u>Serological examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures following current PHE SMI (where applicable) in conjunction with manufacturer's instructions	A
	<u>Serology</u> Qualitative detection of:  EBV (EBNA) Measles IgG Mumps IgG VZ IgG	Biomerieux Mini Vidas (Enzyme Linked Fluorometric Assay (ELFA) in conjunction with in house documented methods:  Microbiology 329	A



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HUMAN TISSUE and FLUIDS (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures in conjunction with manufacturer's instructions (where applicable)	A
Serum unless otherwise specified	<u>Serology (cont'd)</u>  Qualitative detection of:  CMV IgG CMV IgM Hepatitis A IgM Hepatitis B surface antigen Hepatitis B core total antibody Hepatitis B surface antibody Hepatitis C antibody HIV 1/2 Rubella IgG Rubella IgM Toxoplasma IgG Toxoplasma IgM  Quantitative detection of: Gentamicin Vancomycin	Roche Cobas e601 Electrochemiluminescence Cobas 6000 and in-house procedures: Microbiology 404 Microbiology 27  Roche Cobas e601 Cobas 6000 CEDIA and in-house procedures: Gentamicin and Vancomycin: Microbiology 385	A
Serum	Anti Streptolysin O titre	Manual latex agglutination using Lab 21 ASO latex test kit and in-house procedure: ASO latex test: Microbiology 541	A



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HUMAN TISSUE and FLUIDS (cont'd)	<u>Molecular examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures in conjunction with manufacturer's instructions (where applicable)	A
Urine / Endocervical swabs/ /rectal swabs/throat swabs/eye swabs	Detection of Chlamydia trachomatis /Neisseria gonorrhoeae ribosomal RNA	Nucleic Acid Amplification technique (NAAT) with Hologic Panther analyser and in-house procedure: Panther SOP; Microbiology 661	A
Faeces	Detection of Norovirus Type I/II	Cepheid GeneXpert PCR and in-house procedures: GeneXpert: Microbiology 41 Faeces: Microbiology 301	A
Faeces	Detection of C. difficile toxin A/B	Cepheid GeneXpert PCR and in-house procedures: GeneXpert: Microbiology 41 Faeces: Microbiology 301	A
Plasma	Quantitation of HIV RNA	Hologic Panther analyser PCR and in-house procedures: SOP Aptima HIV-1 Quant Dx Assay Panther	A
Samples from the male and female genital tract	Detection of microorganisms of clinical significance	Staining (inc. Gram) and microscopic examination using in-house procedure:  Genitourinary Medicine (GUM) Laboratory: Microbiology 75	B
END			