

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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



29137

Accredited to  
ISO 15189: 2022

### MB Pathology Limited

Issue No: 003 Issue date: 10 June 2025

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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	Serology examination activities for the purpose of clinical diagnosis	Documented in-house methods and manufacturer's instructions
Serum	HBsAg (Quantitative) HBsAg Anti-HBs Anti-HBc (total) Anti-HBc IgM HBeAg Anti-HBe Anti-HAV Anti-HAV IgM HCV Ag HIV Ab/Ag Toxoplasma IgG Toxoplasma IgM Rubella IgG Rubella IgM CMV IgG	Chemiluminescence immunoassay (CLIA) using the Diasorin Liaison XL Analyser MB-Immunology/Serology-SOP-1



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HUMAN BODY FLUIDS AND TISSUES	Serology examination activities for the purpose of clinical diagnosis	Documented in-house methods and manufacturer's instructions
	CMV IgM	
	HSV 1/2 IgG	
	HSV 1/2 IgM	
	EBV IgM	
	VCA IgG	
	EBNA IgG	
	EA IgG	
	Measles IgG	
	Measles IgM	
	Mumps IgG	
	Mumps IgM	
	VZV IgG	
	<i>Treponema pallidum</i> antibodies	
Serum	HIV I and II antibodies, p24 antigen	Vitros 5600 analyser MB-Immunology/Serology-SOP-1
Serum	Qualitative and semi-quantitative detection of non-treponemal syphilis-associated reagin antibodies	BioRad RPR in-vitro slide agglutination MB-Microbiology-SOP-14



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<b>HUMAN BODY FLUIDS AND TISSUES</b>	Molecular examination activities for the purposes of clinical diagnosis	Documented in-house methods and manufacturer's instructions
Urine Oral/Throat swab Vaginal swab Penile swab Anal swab	Detection of:  <i>Chlamydia trachomatis</i>  <i>Neisseria gonorrhoeae</i>  <i>Mycoplasma genitalium</i>  HSV 1&2 (Herpes simplex virus 1&2)	RT-PCR using the Hologic Panther MB-Molecular Biology-SOP-1
Vaginal swab	Bacterial vaginosis (BV) – Detection and quantification of ribosomal RNA from bacteria associated with BV, including <i>Lactobacillus</i> spp. ( <i>L. gasseri</i> , <i>L. crispatus</i> , <i>L. jensenii</i> ), <i>Gardenerella vaginalis</i> and <i>Atopobium vaginae</i>	RT-PCR using the Hologic Panther MB-Molecular Biology-SOP-1
Vaginal swab	<i>Trichomonas vaginalis</i>	RT-PCR using the Hologic Panther MB-Molecular Biology-SOP-1
ThinPrep Liquid Based Cervical smears	Detection of DNA from high risk Human Papilloma Viruses (HPV)	RT-PCR using the Hologic Panther MB-Molecular Biology-SOP-1
	Microbiology examination activities for the purposes of clinical diagnosis	Documented in-house methods and manufacturer's instructions
Urine	Quantification of white and red blood cells, bacteria and epithelial cells	Automated microscopy using the Menarini SediMax conTRUST PRO MB-Microbiology-SOP-1



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HUMAN BODY FLUIDS AND TISSUES	Microbiology examination activities for the purposes of clinical diagnosis	Documented in-house methods and manufacturer's instructions
Urine	Detection of:  Leucocytes  Nitrites  Protein  pH  Blood  Specific gravity  Ketones  Glucose	Siemens Multistix 10SG using the Clinitech status automated urine reagent strip reader MB-Microbiology-SOP-2
Urine	Isolation of microorganisms of clinical significance	Manual inoculation, incubation and culture MB-Microbiology-SOP-9
Eye swabs Throat swabs Ear swabs Wound swabs Genital swabs	Isolation of microorganisms of clinical significance	Manual inoculation, incubation and culture MB-Microbiology-SOP-8
Lower vaginal swab Rectal swab	Group B Streptococcus screening in pregnancy	Enriched culture medium (ECM) followed by manual culture in accordance with UKHSA SMI B 58 MB-Microbiology-SOP-11
Ear Nose Throat Axilla	Isolation and identification of MRSA	Manual inoculation, incubation and culture using chromogenic agar MB-Microbiology-SOP-16



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HUMAN BODY FLUIDS AND TISSUES	Microbiology examination activities for the purposes of clinical diagnosis	Documented in-house methods and manufacturer's instructions
Throat swab	Qualitative detection of Group A Strep ( <i>Streptococcus pyogenes</i> ) antigens	Diaquick rapid in-vitro chromatographic immunoassay for the qualitative detection of Strep A antigens MB- Microbiology-SOP-15
Faeces	Isolation of microorganisms of clinical significance: <i>Salmonella</i> spp. <i>Shigella</i> spp. <i>Campylobacter</i> spp. <i>E. coli</i> 0157 <i>Yersinia</i> spp.	Manual inoculation, incubation and culture MB-Microbiology-SOP-10
Bacterial and yeast cultures isolated in-house	Identification and characterisation of microorganisms of clinical significance	Oxoid identification kits: RapID ANA II RapID One RapID NH RapID Staph Plus RapID STR RapID Yeast Plus bioMerieux API 20E MB-Microbiology-SOP-8, SOP-9, SOP-10, SOP-11, SOP-16
Bacterial cultures isolated in-house	Antimicrobial susceptibility testing of clinically significant bacteria	Manual disc diffusion using EUCAST Methodology and breakpoints MB-Microbiology-SOP-8
Faeces	Detection of Ova, Cysts and Parasites of clinical significance	Direct microscopic examination using iodine/eosin wet prep MB-Microbiology-SOP-10
Faeces	Detection of: <i>C. difficile</i> Toxins A&B <i>C. difficile</i> GDH <i>H. pylori</i> stool antigen	Chemiluminescence immunoassay (CLIA) using the Diasorin Liaison XL Analyser MB-Immunology/Serology-SOP-1
Skin Hair Nails Exudates Lavages	General isolation and characterisation of fungi of clinical significance	Microscopic examination, manual inoculation and culture MB-Pathology-SOP-12



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HUMAN BODY FLUIDS AND TISSUES	Haematological examination activities for the purpose of clinical diagnosis	Documented in house methods and manufacturer's instructions for:
EDTA Whole Blood	Full blood Count:  White blood cell count Red blood cell count Haemoglobin Haematocrit Mean Cell Volume Mean Cell Haemoglobin Mean Cell Haemoglobin Concentration Platelet Count MPV Differential Leucocyte count Red cell distribution width Neutrophils Lymphocytes Eosinophils Basophils Monocytes Reticulocyte Count	Horiba Yumizen H2500 FBC analyser utilising electrical impedance, spectrophotometry and flow cytometry MB-Haematology-SOP-3
EDTA Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Diesse Cube 30 touch utilising a modification of the Westergren Method MB-Haematology-SOP-5
EDTA Whole Blood	Manual Blood Film Morphology	Manual spreading, ELitech group Aerospray 7152 for staining and the Kern OBN 135 transmitted light microscope for manual reading and/or differential MB-Haematology-SOP-9
EDTA Whole Blood	Detection of Infectious Mononucleosis (IM) Heterophile antibody	Diaquick Mononucleosis Cassette kit, manual utilisation of qualitative strip-based immunoassay. MB-Haematology-SOP-8
EDTA Whole Blood	Detection of <i>P. falciparum</i> and non <i>P. falciparum</i> (excluding <i>P. knowlesi</i> ) malarial antigens	Immunochromatographic assay using the CareUS Malaria Kit MB-Haematology-SOP-68



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HUMAN BODY FLUIDS AND TISSUES	Haematological examination activities for the purpose of clinical diagnosis	Documented in house methods and manufacturer's instructions for:
EDTA Whole Blood	Sickle Cell Haemoglobin S Screening test	Qualitative solubility test using the Streck Sickledex test kit MB-Haematology-SOP-7
Citrated Plasma	Coagulation screen:  Prothrombin Time INR Activated partial thromboplastin time Fibrinogen D-Dimer	Stago STASatellite Max MB-Coagulation-SOP-1
EDTA Whole Blood	HPLC for the detection of:  HbE HbD HbS HbC	HPLC and colorimetry using the Menarini Hb NEXT Haemoglobin analyser MB-Clinical Chemistry-SOP-3
EDTA Whole Blood	Blood Transfusion examinations to assist in clinical investigations  Blood Grouping:  A Rh Pos A Rh Neg B Rh Pos B Rh Neg O Rh Pos O Rh Neg AB Rh Pos AB Rh Neg	Documented in house methods and manufacturer's instructions for:  BioRad ID-Incubator L, BioRad ID-Centrifuge L, BioRad DiaClon ABO/D and Reverse grouping using monoclonal antibody cards and ID cards utilising forward and reverse grouping with BioRad A1 and B control cells MB-Haematology-SOP-67



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HUMAN BODY FLUIDS AND TISSUES	Blood Transfusion examinations to assist in clinical investigations	Documented in house methods and manufacturer's instructions for:
EDTA Whole Blood	Atypical blood group antibody screening	Bio BioRad ID-Incubator L, BioRad ID- Centrifuge L, BioRad Coombs Anti-IgG (rabbit) ID cards and BioRad screening cells I, II and III MB-Haematology-SOP-67
EDTA Whole Blood	Direct Antiglobulin Test	BioRad ID-Incubator L, BioRad ID-Centrifuge L and BioRad Coombs test cards MB-Haematology-SOP-67
Serum Lithium heparin plasma	Biochemistry examinations to assist in clinical investigations	Documented in house methods and manufacturer's instructions for:
	Quantification of:	Microslide dry technology and spectroscopy using the Ortho Clinical Diagnostics Vitros 5600 MB-Clinical Chemistry-SOP-4
	Albumin	
	Alkaline Phosphatase	
	Alanine aminotransferase	
	Amylase	
	Aspartate aminotransferase	
	Direct Bilirubin	
	Urea	
	Calcium	
	Creatine Kinase	
	Chloride	
	Creatinine	
	C-Reactive Protein	
	High density lipoprotein cholesterol	





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<p><b>HUMAN BODY FLUIDS AND TISSUES</b></p> <p>Serum Lithium heparin plasma</p> <p>Fluoride Oxalate Plasma</p> <p>Urine</p>	<p>Biochemistry examinations to assist in clinical investigations</p> <p>Quantification of:</p> <p>Bicarbonate</p> <p>Iron</p> <p>Gamma Glutamyl transferase</p> <p>Potassium</p> <p>Lactate dehydrogenase</p> <p>Magnesium</p> <p>Sodium</p> <p>Phosphate</p> <p>Total Bilirubin</p> <p>Total protein</p> <p>Triglycerides</p> <p>Urine protein</p> <p>Uric acid</p> <p>Glucose</p> <p>Protein</p> <p>Potassium</p> <p>Sodium</p> <p>Chloride</p> <p>Magnesium</p> <p>Creatinine</p>	<p>Documented in house methods and manufacturer's instructions for:</p> <p>Microslide dry technology and spectroscopy using the Ortho Clinical Diagnostics Vitros 5600 MB-Clinical Chemistry-SOP-4</p>



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HUMAN BODY FLUIDS AND TISSUES	Biochemistry examinations to assist in clinical investigations	Documented in house methods and manufacturer's instructions for:
Urine	Quantification of:  Urea  Uric acid  Phosphate	Microslide dry technology and spectroscopy using the Ortho Clinical Diagnostics Vitros 5600 MB-Clinical Chemistry-SOP-4
Serum Lithium Heparin Plasma	Quantification of:  Alpha-fetoprotein  CA-125  CA-153  CA-199  Carcinoembryonic antigen  Cortisol  Oestradiol  Ferritin  Folate  Free prostate-specific antigen  Free triiodothyronine  Free thyroxine  Follicle stimulating hormone  Insulin  Luteinising hormone	Chemiluminescence and microwell immunochemistry using the Ortho Clinical Diagnostics Vitros 5600 MB-Clinical Chemistry-SOP-4



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<p><b>HUMAN BODY FLUIDS AND TISSUES</b></p> <p>Serum Lithium Heparin Plasma</p>	<p>Biochemistry examinations to assist in clinical investigations</p> <p>Quantification of:</p> <p>N-terminal pro Brain Natriuretic peptide</p> <p>Progesterone</p> <p>Prolactin</p> <p>Testosterone</p> <p>Beta-Human Chorionic Gonadotrophin</p> <p>Total prostate-specific antigen</p> <p>Thyroid stimulating hormone</p> <p>Vitamin B12</p> <p>Vitamin D</p> <p>C-Peptide</p> <p>Cholesterol</p> <p>Homocysteine</p> <p>Total T3</p> <p>Total T4</p> <p>Lipase</p>	<p>Documented in house methods and manufacturer's instructions for:</p> <p>Chemiluminescence and microwell immunochemistry using the Ortho Clinical Diagnostics Vitros 5600 MB-Clinical Chemistry-SOP-4</p>



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HUMAN BODY FLUIDS AND TISSUES	Biochemistry examinations to assist in clinical investigations	Documented in house methods and manufacturer's instructions for:
Serum	Quantification of:	Triple read absorbance and microtip assay using the Ortho Clinical Diagnostics Vitros 5600
Lithium Heparin Plasma	C3	MB-Clinical Chemistry-SOP-4
	C4	
	Direct total Iron Binding Capacity	
	IgA	
	IgG	
	IgM	
	Rheumatoid factor	
	Transferrin	
Urine	Quantification of Microalbumin	Triple read absorbance and microtip assay using the Ortho Clinical Diagnostics Vitros 5600
		MB-Clinical Chemistry-SOP-4
Serum/Plasma	Calculated parameters:	By Calculation
	Adjusted Calcium	MB-SOP-Clinical Chemistry-SOP-4
	LDL Cholesterol	
	Non-HDL Cholesterol	
	Transferrin Saturation	
	eGFR	
	Globulin	
	PSA-Free PSA ratio	



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Urine	Calculated parameters:  Protein:Creatinine ratio Calcium:Creatinine ratio Sodium/Creatine ratio Potassium/Creatinine ratio Chloride/Creatinine ratio Urea/creatinine ratio Phosphate/Creatinine ratio Magnesium/Creatinine ratio Urates/Creatinine ratio 24 hr Urine sodium 24 hr Urine Potassium 24 hr Urine Calcium 24 hr Urine Urea 24 hr Urine Urates 24 hr Urine Chloride 24 hr Urine Phosphate 24 hr Urine Creatinine 24 hr Urine Magnesium	By Calculation MB-SOP-Clinical Chemistry-SOP-4
Serum	Quantification of:  Active B12 Anti-mullerian hormone Parathyroid hormone	Roche E411 Immunochemistry MB-Clinical Chemistry-SOP-423
Saliva	Quantification of: Salivary cortisol	Roche E411 Immunochemistry MB-Clinical Chemistry-SOP-423
Serum Urine	Osmolality	Freezing point depression using the Advanced Instruments Osmo1 MB-Clinical Chemistry-SOP-1
EDTA Whole Blood	HPLC for the detection of HbA1c	HPLC and colourimetry using the Menarini Hb NEXT haemoglobin analyser MB-Clinical Chemistry-SOP-3
Faeces	Quantification of faecal haemoglobin concentration	Faecal Immunochemical Test (FIT) using latex enhanced immunoturbidimetry on the Mast OC-Sensor MB-Microbiology-SOP-13



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Faeces	Faecal Calprotectin	Chemiluminescence immunoassay (CLIA) using the Diasorin Liaison XL Analyser MB-Immunology/Serology-SOP-1
Faeces	Faecal Elastase	Chemiluminescence immunoassay (CLIA) using the Diasorin Liaison XL Analyser MB-Immunology/Serology-SOP-1
Urine	Pregnancy testing	Rapid Chromatographic immunoassay using the DIAQUICK hCG combo lateral flow MB-Clinical Chemistry-SOP-422



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HUMAN BODY FLUIDS AND TISSUES	Immunology examinations to assist in clinical investigations	Documented in house methods and manufacturer's instructions for:
Serum	Detection of specific IgE d1 Dust mite e1 Cat dander e5 Dog dander f4 Wheat f2 Milk f13 Peanut f17 Hazelnut f10 Sesame f1 Egg white f24 Shrimp f3 Cod f37 Blue Mussel f14 Soy Bean t3 Silver Birch t11 Sycamore/London plane g6 Timothy grass g4 Cocksfoot grass w2 Western ragweed i1 Honey bee venom i3 Common wasp venom m3 Aspergillus fumigatus	Thermofisher Immunocap 250 analyser MB-Immunology/Serology-SOP-2
Plasma	<i>Mycobacterium tuberculosis</i> Interferon gamma	Quantiferon TB Gold Assay using the Diasorin Liaison XL Analyser MB-Immunology/Serology-SOP-1
Serum	Detection and titre of autoantibodies:  ANA for connective tissue disorders  ANCA for autoimmune Screen ds DNA  LKM for autoimmune liver disease Endomysium for tissue transglutaminase	Indirect Immunofluorescence using the AESKU HELIOS analyser MB-Immunology/Serology-SOP-96
END		