


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2022</p>	NHS Lothian Issue No: 021 Issue date: 11 June 2026	
	Blood Sciences Lothian NHS Board Headquarters Mainpoint 102 Westport Edinburgh EH3 9DN	Contact: Bernard Lawless E-Mail: Bernard.Lawless@nhs.scot Website: www.edinburghlabmed.co.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
<p>Address St John's Hospital Howden Road West Livingston Scotland EH54 6PP</p> <p>Local contact Contact: Fiona Rennie Tel: +44 (0) 1506 523078 E-mail: Fiona.Rennie11@nhs.scot Website: www.edinburghlabmed.co.uk</p>	Haematology and Blood Transfusion Clinical Biochemistry Electronic Issue – Blood Fridges	A
<p>Address NHS Lothian Royal Infirmary of Edinburgh 51 Little France Crescent Edinburgh EH16 4SA</p> <p>Local contact Contact: Una Jarrold Tel: 0131 242 6830 E-mail: una.jarrold@nhs.scot</p> <p>Contact: Heather Fife Tel: 0131 242 6830 E-mail: heather.fife@nhs.scot Website: www.edinburghlabmed.co.uk</p>	Haematology Coagulation Specialist Haematology Haemostasis General Chemistry Endocrine/Tumour marker/Haematinics/Car diac markers Toxicology Therapeutic Drug Monitoring (TDM) Microbiology Serology	C
<p>Address Blood Sciences Department Western General Hospital Crewe Road Edinburgh EH4 2XU</p> <p>Local contact Contact: Sarah Augley Tel: 0131 537 1896 E-mail: sarah.augley@nhs.scot Website: www.edinburghlabmed.co.uk</p>	Clinical Chemistry Antenatal Screening Inherited Metabolic Haematology Blood Transfusion Electronic Issue – Blood Fridges Gi Proteins	E



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Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Theatre Western General Hospital Crewe Road Edinburgh EH4 2XU</p> <p>Local contact Contact: Sarah Augley Tel: 0131 537 1896 E-mail: sarah.augley@nhslothian.scot.nhs.uk Website: www.edinburghlabmed.co.uk</p>	Blood Storage only	F
<p>Ward 7 Western General Hospital Crewe Road Edinburgh EH4 2XU</p> <p>Local contact Contact: Sarah Augley Tel: 0131 537 1896 E-mail: sarah.augley@nhslothian.scot.nhs.uk Website: www.edinburghlabmed.co.uk</p>	Blood Storage only	G
<p>Clinical Immunology Laboratory NHS Lothian Royal Infirmary of Edinburgh 51 Little France Crescent Edinburgh EH16 4SA</p> <p>Local contact Contact: Una Jarrold Tel: 0131 242 6830 E-mail: una.jarrold@nhslothian.scot.nhs.uk Website: www.edinburghlabmed.co.uk</p>	Clinical Immunology	H



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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 BODY FLUIDS AND TISSUES Venous Blood	<u>Blood Transfusion Testing for the purpose of clinical diagnosis</u>	Documented In-house methods using:	A, E
	Automated Blood Grouping <ul style="list-style-type: none"> • A B O, D ,K • Rhesus: C, c, D, E, e, Cw • Fya, Fyb • Jka, Jkb • Kpa • Lea, Leb • Lua • M, N, S, s 	Grifols Eflexis and associated testing protocols – fully automated Grifols cassette technology using SOP: BBANK-71, BBANK-147, BBANK-102	
	Manual Blood Grouping <ul style="list-style-type: none"> • A B O, D,K • Rhesus: Cw,C, c, D, E, e, • Fya, Fyb • Jka, Jkb • Kpa • Lea, Leb • Lua • M, N, S, s 	Manual procedures by Grifols cassette technology/tube technology using SOP: BBANK-34	
Serum/Plasma	Automated Antibody Detection and identification <ul style="list-style-type: none"> • Cw, C, c, D, E, e • K, Kpa • Fya, Fyb • Jka, Jkb • Lea, Leb • P1 • M, N, S, s • Lua 	Grifols Eflexis analyser using 3 cell screen, 11 cell panels, NBS panel, Grifols extended 4 cell panel using SOP: BBANK-30 BBANK-71 BBANK-147	A, E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Blood Transfusion Testing for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Serum/plasma	Manual Antibody Detection and identification <ul style="list-style-type: none"> • Cw, C, c, D, E, e • K, Kpa • Fya, Fyb • Jka, Jkb • Lea, Leb • P1 • M, N, S, s • Lua 	Manual procedures by tube and Grifolscassette technology-red cell agglutination, macroscopic visual detection and Antibody screen-3 cell panel and 10 /11 cell pane, NBS panel and Grifols extended 4 cell panel using SOP:BBANK-34	A, E
Plasma	Automated compatibility testing of patients plasma with donor cells	Fully automated Grifols Eflexis cassette technology using SOP: BBANK-72	A, E
Plasma	Manual compatibility testing of patients plasma with donor cells	Manual procedures by Grifols cassette technology and manual procedures by tube technology-red cell agglutination including macroscopic visual detection using SOP: BBANK-34	A, E
Venous Blood	Direct Anti-Human Globulin	Grifols Eflexis analysers and associated testing protocols – fully automated Grifols cassette technology using SOP: BBANK-121	A, E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Blood Transfusion Testing for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Venous Blood	Direct Anti-Human Globulin	Manual procedures by Grifols cassette technology. Key SOP: BBANK-34	A, E
Venous Blood	Kleihauer- screening of foetal bleed in maternal circulation.	Acid Elution using CLINtech kit and SOP : BBANK-98	A
Venous Blood	<u>Blood Coagulation Testing for the purpose of clinical diagnosis</u> <ul style="list-style-type: none"> • Prothrombin time (PT) <ul style="list-style-type: none"> ○ INR • Activated Partial Thromboplastin Time (APTT) / Activated Partial Thromboplastin Time Ratio (APTT_r) • Activated Partial Thromboplastin Time Mix (APTT Mix) • Fibrinogen estimation by Clauss • D-Dimers 	Automated Sysmex CS series clot detection and particle enhanced immunoturbidometric assay using manufacturers instructions and SOP: BLSC-118; HAEM 1048; HAEM 1057	A, C, E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for the purpose of clinical diagnosis</u>	Documented In-house methods using:	
Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Westergren Sedimentation Method using the Starrsed RS analyser using SOP HAEM1116	A, C, E
Venous whole blood	Full blood count (FBC)	Sysmex XN series analysers comprising of XN-10 and XN-20 modules Haematology Analysers using a combination of laser light scatter flow and absorbance, colourimetric, height pulse flow and calculated parameters SOP: HAEM1054; HAEM1055; HAEM1056.	A, C, E
	White blood count (WBC)		
	Red blood cell count (RBC)		
	Haemoglobin estimation (Hb)		
	Haematocrit (HCT)		
	Mean Cell Volume (MCV)		
	Mean Cell Haemoglobin (MCH)		
	Mean Cell Haemoglobin concentration (MCHC)		
	Platelet count (PLT)		
	Neutrophils		
	Lymphocytes		
	Monocytes		
	Eosinophils		
	Basophils		
	Reticulocyte count		



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Venous whole blood	Film reporting – assessment for cell typing and morphology manual White Blood Cell Differential for enumeration of cell types.	Blood film preparation using SOP: HAEM-1038 and Automated Sysmex SP-50– May Grunwald Giemsa stain – examined by microscopy using SOP: HAEM1053	A, C, E
Venous whole blood	Detection of combined HRP2 and pLDH P falciparum antigen and pan species plasmodial antigen (P. falciparum, P. vivax, P. ovale, P.malariae)	Antigen testing with CareUS Rapydtest kit using SOP: HAEM991	A, C, E
	Malaria Parasite detection <ul style="list-style-type: none"> • P.Falciparum • P.Vivax • P.Ovale • P.Malariae 	Manual staining - Manual staining - May Grunwald Giemsa staining using the RAL back-up stainer: HAEM1072	
	Malaria Parasite detection <ul style="list-style-type: none"> • P.Falciparum • P.Vivax • P.Ovale • P.Malariae • P Knowlesi 	Thick film – Clintech Field Stain and Thin Film – Giemsa pH7.2 stain examined by microscopy using SOP: HAEM991	A, C, E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Venous whole blood	Malaria Parasite detection of Plasmodium Falciparum Parasitaemia	Thin Film – Giemsa pH7.2 stain, enumeration by microscopy using SOP: HAEM991	A, C, E
Bone Marrow	Bone Marrow Reporting-assessment for cell typing and morphology	SP-50– May Grunwald Giemsa stain SOP HAEM990 –	A, C, E
Bone marrow and blood		Perl's Prussian Blue staining examined by microscopy using SOP: HAEM990	A, C, E
Urine,	Haemosiderin	Perl's Prussian Blue staining examined by microscopy using HAEM-W-31; HAEM-W-870 (urinary haemosiderin)	E
Venous whole blood: EDTA	Haemoglobin S	Detection of decreased solubility of haemoglobin S with Clin-Tek: Hb S Test Kit using manufacturer's instructions using SOP: HAEM-R-117	C
Venous Whole Blood, Plasma or Serum	Infectious Mononucleosis antibody detection.	Clearview IM II Card agglutination interpreted by visual inspection. SOP HAEM 995	A, C, E
Plasma, Serum	Haematinics: <ul style="list-style-type: none"> • Vitamin B12 • Folate • Ferritin 	Automated Roche Cobas e801 by electrochemi-luminescence immunoassay (ECLIA)	A, C, E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Haematology Testing for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
	<u>Specialist Haematology</u>		
Whole Blood: EDTA	Glucose-6-Phosphate Dehydrogenase (G6PD) Quantification method	Uvikon Spectrophotometer Pointe Scientific Kit using manufacturers instructions and SOP: HAEM-1080	C
	<u>Haemoglobinopathy Screening</u>		
Whole Blood: EDTA	Quantification Haemoglobin A2 (HbA2) Haemoglobin F (HbF) Haemoglobin S (HbS)	Capillary Electrophoresis (CE) on Sebia Capillarys 3 Octa SOP HAEM R 365	C
	Determination of variants Hb A2 Hb F Hb S Hb E Hb AC Hb D Hb H disease Hb Lepore Hb O _{Arab}		
Whole Blood: EDTA	Variant Hb confirmation	PerkinElmer Isoelectric focusing Kit using manufacturers instructions and SOP: HAEM-R-323	C



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HUMAN BODY FLUIDS	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma / Venous blood-citrated plasma	Anti Xa Assay	Chromogenic Xa assays on Sysmex CS5100 and CS2500 analysers, using manufacturer's instructions and SOP: HAEM1119	A,C,E
Plasma / Venous blood-citrated plasma	Therapeutics including Direct Oral Anticoagulant Assays (Therapeutics - Danaparoid, LMWH, Rivaroxaban, Apixaban, Fondaparinux).	Chromogenic Xa assays on Sysmex CS5100 and CS2500 analysers, using manufacturer's instructions and SOP: HAEM1119	C
Plasma	Assay of the Direct Oral Anticoagulants (DOAC): Fondaparinux (Arixtra), Danaparoid (Orgaran), Apixaban, Rivaroxaban, Edoxaban	Chromogenic anti-Xa assays on the Sysmex CS 5100 Analysers SOP: HAEM-85	C
	Dabigatran DTI assay Argatroban DTI assay	Using SOP: HAEM-R-420	C
	Anticardiolipin IgG	Chemiluminescent Werfen Acustar using manufacturers instructions and SOP: HAEM-R-287,291,293	C
	Anticardiolipin IgM		
	Beta 2 Glycoprotein IgG	SOP: HAEM-R-287,291 and 292	
	Beta 2 Glycoprotein IgM		
	vWF:RiCof		
	vWF antigen	SOP HAEM-R-293, 290 and 291	
	vWF:Collagen binding		
	Heparin Induced Thrombocytopenia (HIT)		
Plasma / Venous blood-citrated plasma	ADAMTS13 Activity	Chemiluminescent Werfen Acustar using manufacturer's instructions and SOP: HAEM-R-291,396	C



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HUMAN BODY FLUIDS (cont'd)	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Venous blood-citrated plasma	LUPUS Sensitive APTT / Mix DRVV Screen DRVV Confirm	Assays by Sysmex CS2500 analyser. Clot detection using Manufacturer's instructions and SOP: HAEM-R-419	C
Venous blood-citrated plasma	Factor assays: Factor II Factor V Factor VII Factor VIII Factor IX Factor X Factor XI Factor XII Factor XIII Chromogenic Factor VIII Chromogenic Bovine Factor VIII Emicizumab Assay	Automated one stage clotting assays and chromogenic assays on the Sysmex CN6500 SOPs: HAEM-130, HAEM-R-427, HAEM-R-421, HAEM-R-422, HAEM-R-426	C
Plasma	Anti-thrombin Activity Free Protein S Immune Alpha-2 Antiplasmin Protein C	Thrombophilia and Fibrinolytic tests using Sysmex CS2500 and CS5100 analysers. Chromogenic and latex immuno analyser using manufacturers instructions and SOP: HAEM-R-413, 414, 415, 417 & 418	C
Plasma	Immune Fibrinogen	Latex Immunoassay on the CS2500 analyser using manufacturer's instructions and SOP: HAEM-R-416	C
Plasma	Factor VIII Altuvoc for treatment monitoring	One stage assay and Actin FSL reagents on the Sysmex CN6500 SOP: HAEM-130	C
Plasma	<u>Factor VIII inhibitor assay</u> <u>Factor IX inhibitor assay</u>	Factor Inhibitor Assay on the Sysmex CN6500 SOP: HAEM-135	C



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HUMAN BODY FLUIDS AND TISSUES	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u>	Documented In-house methods using: Automated Roche Cobas c702 by Photometry using SOP BIO-1735	
Serum, Plasma, peritoneal, and pleural fluids	Albumin		A, C, E
Serum, Plasma	Alcohol/ Ethanol		A, C, E
Serum, Plasma	Alkaline Phosphatase (ALP)		A, C, E
Serum, Plasma	Alanine aminotransferase (ALT)		A, C, E
Plasma	Ammonia		C, E
Serum, Plasma peritoneal, Pancreatic Cyst Fluid, and drain fluids	Amylase		A, C, E
Serum, Plasma	Angiotensin Converting Enzyme		E
Serum, Plasma	Aspartate aminotransferase (AST)		A C E
Serum, Plasma	Bile acid		C
Serum, Plasma	Total Bilirubin		A, C, E
Serum, Plasma	Caeruloplasmin		C
Serum, Plasma	Calcium		A, C, E
Serum, Plasma	Carbamazepine		A, C, E
Serum, Plasma, and pleural fluids	Cholesterol		A, C, E
Serum, Plasma	Creatine kinase (CK)		A, C, E
Serum, Plasma	C-Reactive Protein		A, C, E
Serum, Plasma	D-3 hydroxybutyrate		C



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using: Automated Roche Cobas c702 by Photometry using SOP BIO-1735	
Serum, Plasma	Direct Bilirubin		A, C
Serum, Plasma	Enzymatic Creatinine		A, C, E
Serum, Plasma	Free Fatty Acids		C
Serum, Plasma	γ-glutamyl transferase (GGT)		A, C, E
Serum, Plasma peritoneal, pleural, Pancreatic Cyst Fluid, and drain fluids	Glucose		A, C, E
Serum, Plasma	HDL Cholesterol		A, C, E
Serum, Plasma	Iron		A, C, E
Plasma	Lactate		A, C, E
Serum, Plasma	Lithium		A, C, E
Serum, Plasma peritoneal, pleural and drain fluids	Lactate Dehydrogenase (LDH)		A, C, E
Serum, Plasma	Magnesium		A, C, E
Serum, Plasma	Phosphate		A, C, E
Serum, Plasma	Theophylline		A, C
Serum, Plasma	Total CO ₂ (Bicarbonate)		A, C, E
Serum, Plasma peritoneal and pleural fluids	Total Protein		A, C, E
Serum, Plasma	Transferrin		A, C, E



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<p>HUMAN BODY FLUIDS AND TISSUES (cont'd)</p> <p>Serum, Plasma, peritoneal, pleural and drain fluids</p> <p>Serum, Plasma</p> <p>Serum, Plasma peritoneal, pleural and drain fluids</p>	<p><u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)</p> <p>Triglyceride</p> <p>Urate</p> <p>Urea</p>	<p>Documented In-house methods using:</p> <p>Automated Roche Cobas c702 by Photometry using SOP BIO-1735</p>	<p>A, C, E</p> <p>A, C, E</p> <p>A, C, E</p>



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using SOP BIO-1735: Automated Roche Cobas c702 by turbidimetry using SOP: BIO-1735		
CSF	Total Protein		A, C, E	
CSF	Lactate		A C E	
CSF	Glucose		A, C, E	
CSF	IgG		A, E	
Urine	Calcium		A, C, E	
Urine, Pleural fluid, Peritoneal Fluid, Drain Fluid	Creatinine		A, C, E	
Urine	Magnesium		A, C, E	
Urine	Microalbumin		A, C, E	
Serum	B2-Microglobulin		SOP: BIO-1735	E
Serum, Plasma	Alpha-1-antitrypsin		SOP: BIO-1735	E
Serum, Plasma	Haptoglobin		SOP: BIO-1735	C, E
Serum, Plasma	Immunoglobulins – IgA, IgG, IgM		SOP: BIO-1735	E
Urine	Phosphate		Automated Roche Cobas c702 by Photometry using SOP: BIO-1735	A, C, E
Urine	Total Protein			A, C, E
Urine	Urate			A, C, E
Urine	Urea			A, C, E
Urine	Urine Oxalate		SOP: BIO-W-145	E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using:	
Serum, Plasma, Urine	Chloride	Automated Roche Cobas c702 by Potentiometry using: SOP: BIO-1735	A, C, E
	Potassium	SOP: BIO-1735	A, C, E
	Sodium	SOP: BIO-1735	A, C, E
	<u>Therapeutic drug monitoring</u>	Automated Roche Cobas c702 by kinetic interaction of microparticles in solution (KIMS) using:	
Serum, Plasma	Digoxin	SOP: BIO-1735	A, C, E
Serum, Plasma	Gentamicin	SOP: BIO-1735 using CEDIA method	A, C, E
Serum, Plasma	Vancomycin	SOP: BIO-1735	A, C, E
Serum, Plasma	Valproate	SOP: BIO-1735	C
Serum, Plasma	Phenobarbitone	SOP: BIO-1735	C
Serum, Plasma	Amikacin	Automated Roche Cobas c702 by kinetic interaction of microparticles in solution (KIMS) using: SOP: SOP: BIO-1735	E
Serum, Plasma	Tobramycin	Automated Roche Cobas c702 by kinetic interaction of microparticles in solution (KIMS) using: SOP: BIO-1735	E
Serum, Plasma	Methotrexate	SOP: BIO-1735	C, E
Serum, Plasma	Phenytoin	Automated Roche Cobas c702 by kinetic interaction of microparticles in solution (KIMS) using: SOP: BIO-1735	C



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	<u>Endocrine/Tumour Markers/ Haematinics/Cardiac Markers</u>	Automated Roche Cobas e801 by electrochemi-luminescence immunoassay (ECLIA) using:	
Serum, Plasma and Peritoneal Fluid	Alphafetoprotein (AFP)	SOP: BIO-1735	C, E
Serum, Plasma	CA125	SOP: BIO-1735	A, C, E
Serum, Plasma	Carcinoembryonic antigen (CEA)	SOP: BIO-1735	A, C, E
Serum, Plasma	Cortisol	SOP: BIO-1735	A, C, E
Urine	Cortisol	SOP: BIO-1735	E
Serum, Plasma	C-peptide	SOP: BIO-1735	E
Serum, Plasma	Free T3	SOP: BIO-1735	A, C, E
Serum, Plasma	Free T4	SOP: BIO-1735	A, C, E
Serum, Plasma	Follicle stimulating hormone (FSH)	SOP: BIO-1735	A, C, E
Serum, Plasma	Human Chorionic Gonadotrophin (HCG)	SOP: BIO-1735	A, C, E
Serum, Plasma	Insulin	SOP: BIO-1735	E
Serum, Plasma	Luteinising Hormone (LH)	SOP: BIO-1735	A, C, E
Serum, Plasma	Oestradiol	SOP: BIO-1735	A, C, E
Serum	PIFG	SOP: BIO-1735	A
Serum	sFIT1	SOP: BIO-1735	A



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
	<u>Endocrine/Tumour Markers/ Haematinics/Cardiac Markers</u> (cont'd)	Automated Roche Cobas e801 by electrochemi-luminescence immunoassay (ECLIA) using:	
Serum, Plasma	25-OH Vitamin D	SOP: BIO-1735	A, C, E
Serum, Plasma	NTpro-BNP	SOP: BIO-1735	C
Serum, Plasma	Progesterone	SOP: BIO-1735	A, C, E
Serum, Plasma	Prolactin	SOP: BIO-1735	A, C, E
Serum, Plasma	Macroprolactin	SOP: BIO-1735	A, C, E
Serum, Plasma	Prostate specific antigen (PSA)	SOP: BIO-1735	A, C, E
Serum, Plasma	High Sensitivity Troponin T	SOP: BIO-1735	A, C, E
Serum, Plasma	Total T3	SOP: BIO-1735	C
Serum, Plasma	Thyroid stimulating hormone (TSH)	SOP: BIO-1735	A, C, E
Serum, Plasma	Sex hormone binding globulin (SHBG)	SOP: BIO-1735	A, C, E
Serum, Plasma	Dehydroepiandrosterone sulphate (DHEAS)	SOP: BIO-1735	C
Serum, Plasma	Testosterone	SOP: BIO-1735	A, C, E
EDTA Plasma	Adrenocorticotrophic hormone (ACTH)	Automated Roche Cobas e801 by electrochemi-luminescence immunoassay (ECLIA) using: SOP: BIO-R-379, BIO-R-492	C
Serum, Plasma	Anti Mullerian Hormone (AMH)	SOP: BIO-R-539, BIO-R-379	C
Serum, Plasma	Growth Hormone	SOP: BIO-R-491, BIO-R-379	C
EDTA Plasma	Parathyroid hormone (PTH)	SOP: BIO-R-457, BIO-R-379	C
Serum	Thyroid stimulating hormone receptor antibodies (TRAB)		C



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
	<u>Endocrine/Tumour Markers/ Haematinics/Cardiac Markers</u> (cont'd)		C
Serum	Thyroglobulin (Tg) Anti-Thyroglobulin (TgAb)	Roche e801 Electro Chemiluminescent SOP: BIO-R-1735	C
Whole blood	Glycated Haemoglobin HbA1c	TOSOH G11 HPLC SOP: BIO-1707	A, C, E
Serum/Plasma/Urine	Osmolality	Advanced Instruments Osmometer Pro-Max	C
Serum/Plasma/Urine	Osmolality	Advanced Instruments Osmo1– Freezing point depression using SOP: BIO-R-63	A, E
Whole Blood	pH	Radiometer ABL90 Flex plus by Potentiometry, Amperometry, Optical, Spectrophotometry using: SOP: POCT-SOP:3 Measured values	A, C, E
	Lactate Glucose Sodium Potassium Chloride pCO2 PO2 Total haemoglobin (tHb) Carboxyhaemoglobin (CoHb) Oxyhaemoglobin (O2Hb) Oxygen Saturation (SO2) Met-Haemoglobin (MetHb) Deoxyhaemoglobin (HHb) Hydrogen Ion Ionised Calcium		
Pleural and Ascitic	Fluid pH	Measured values	A,C,E
	pH	Calculated Values	



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using: Radiometer Abflex90 by Potentiometry, Amperometry, Optical, Spectrophotometry using: SOP: POCT-SOP:3	
	Bicarbonate <ul style="list-style-type: none"> • Standard Bicarbonate • Base Excess 	Calculated Values	A, C, E
CSF	Xanthochromia (Hb Pigments)	BIO-UV Spectrophotometer using SOP BIO-1823	C, E
	<u>Calculated tests</u>	Automated using Apex VALR 1012 v 1.1	
Serum, Plasma	Total cholesterol:HDL cholesterol ratio		A, C, E
	Free Androgen Index		C,
	Calculated free testosterone		
	Free testosterone albumin		
	Estimated glomerular filtration rate (eGFR)		A, C, E
	LDL Cholesterol		A, C, E
	Transferrin saturation		A, C, E
	BCCA Adjusted calcium		A, C, E
	Acute Kidney Injury (AKI)		A, C, E
	Adjusted Phenytoin		A, C, E
	FIB-4		A, C, E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
	<u>Calculated tests</u> (cont'd)	Automated using Apex using SOP: VALR-1012 v 1.1	A, C, E
Serum, Plasma, Urine	Creatinine clearance Renal phosphate reabsorption		
Serum	PIFG:sFIT1 ratio		A
Urine	Albumin:Creatinine ratio		
	Protein:Creatinine ratio		A, C, E
	Oxalate:creatinine ratio		E
	Total Porphyrin:Creatinine ratio		E
	PBG:creatinine ratio		E
	Amylase output		A, C, E
	Calcium output		
	Chloride output		
	Creatinine output		
	Potassium output		
	Magnesium output		
	Sodium output		
	Protein output		
	Urate output		
	Phosphate output		
	Urea output		A, C, E
	Cortisol output		E
	Oxalate output		
	Metadrenaline output		



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Urine (cont'd)	<u>Calculated tests</u> (cont'd) Normetadrenaline output 5HIAA output	Automated using Apex using SOP: VALR-1012 v 1.1	A, C, E
Serum / Plasma	<u>Toxicology</u> Paracetamol Salicylate Ethanol Testosterone	Automated Roche cobas c702 by Photometry SOP: BIO-R-10 SOP: BIO-1735 SOP: BIO-1735 SOP: BIO-1735 Waters UPLC Xevo Tandem Quadropole Spectrometer using SOP: BIO-R-387	A, C, E A, C A, C, E C
Whole Blood	Ciclosporin Sirolimus Tacrolimus	Waters UPLC Xevo Tandem Quadropole Spectrometer using SOP: BIO-R-386	C C C
Urine	Tetrahydrocannabinol (THC)	Analysis of Cannabinoids in Urine by Roche COBAS c702 using SOP BIO-R-611	C



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Urine and Oral fluid	Drugs of Abuse	Flexible Scope on the Waters LC Tandem Mass Spectrometer– Triple quadrupole spectrometry using Xevo- SOP: BIO-R-501 for Oral fluid and Acquity -BIO-R-418 for Urine and BIO-R-568 for Flexible Scope. Listed in spreadsheet on User info on website. BIO-R-567	C
Urine	5HIAA	Status available on Laboratory Medicine website: https://edinburghlabmed.co.uk/Specialities/BloodScience/Biochemistry/Toxicologyflexscope/pages Detected by Chromsystems HPLC system using SOP: BIO-W-518, BIO-W-487	E
	Metadrenaline		E
	Normetadrenaline		E
Urine	3-methoxytyramine	Detected by Chromsystems HPLC system using SOP: BIO-W-487	E



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HUMAN BODY FLUIDS AND TISSUE (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis (cont'd)</u>	In house methods using manufacturer's instructions	
	<u>Protein Electrophoresis</u>		
Serum	Paraprotein bands	Sebia Capillarys 3 Octa by Detection of paraprotein bands using SOP BIO-1780, BIO-1781	E
		Sebia Hydrasys by electrophoretic separation and isoelectrofocusing techniques using SOP:	E
Serum	Alpha-1 Antitrypsin Phenotyping	SOP: BIO-W-95	E
Serum	Alkaline Phosphatase iso-enzymes	SOP: BIO-W-35	E
Serum / CSF	Oligoclonal bands	SOP: BIO-W-98	E
CSF	CSF Beta-2 Transferrin	SOP: BIO-W-96	E
Serum/ Urine	Urine Bence Jones Protein	SOP: BIO-W-32	E
Serum/ Urine	Immunofixation	SOP: BIO-W-31 & BIO-W-33	E
	<u>Special Chemistry</u>		
Serum	Antenatal screening assays <ul style="list-style-type: none"> Free Beta HCG PAPP-A 	Revity AutoDelfia by dissociation fluoroimmunoassay using SOP: BIO-W-311, BIO-W-497	E
Serum	<u>Coeliac Screening:</u> Tissue Transglutaminase IgG Tissue Transglutaminase IgA	Dynex DS2 (ELISA) using SOP: BIO-W-1 (IgA), BIO-W-287(IgG),	E
Faeces	Calprotectin Elastase	Dynex DS2 (ELISA) using SOP: BIO-W-84, BIO-W-88	
Serum/Plasma	<ul style="list-style-type: none"> Aldosterone Renin 	Diasorin Liaison- Specialist Immunoassays (competitive chemiluminescent assays) using SOP: GENRL-82, BIO-1903	A



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HUMAN BODY FLUIDS AND TISSUE (cont'd)	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	In house methods using manufacturer's instructions	
	<u>Special Chemistry</u> (cont'd)		
Urine	<ul style="list-style-type: none"> Porphobilinogen 	RECIPE ClinEasy Complete Kit on BIO-UV for Porphobilinogen in Urine BIO-W-26	E
Urine	<ul style="list-style-type: none"> Total Porphyrins 	Direct Spectrophotometry using SOP: BIO-W-281	E
Serum/Plasma	Serum Cryoglobulin	Manual- visual inspection- protein precipitation using SOP: BIO-W-100	E
Plasma, Urine	Inherited Metabolic	Biochrome 30+ Ion exchange HPLC Amino Acid Analyser	E
Plasma, Urine	Amino Acid profile	SOP: BIO-E-100 Amino acids	
Plasma, Urine	Alanine	SOP: BIO-E-100	
Plasma, Urine	Arginine	SOP: BIO-E-100	
Plasma, Urine	Aspartate	SOP: BIO-E-100	
Plasma, Urine	Citrulline	SOP: BIO-E-100	
Plasma, Urine	Cystine	SOP: BIO-E-100	
Plasma, Urine	Glutamate	SOP: BIO-E-100	
Plasma, Urine	Glutamine	SOP: BIO-E-100	
Plasma, Urine, CSF	Glycine	SOP: BIO-E-100	
Plasma, Urine	Histidine	SOP: BIO-E-100	
Plasma, Urine	Isoleucine	SOP: BIO-E-100	
Plasma, Urine	Leucine	SOP: BIO-E-100	
Plasma, Urine	Lysine	SOP: BIO-E-100	



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HUMAN BODY FLUIDS AND TISSUE (cont'd) Plasma, Urine Plasma, Urine Plasma, Urine Plasma, Urine Plasma, Urine Plasma, Urine Plasma, Urine Plasma, Urine	<u>Clinical Biochemistry for the purpose of clinical diagnosis</u> (cont'd)	In house methods using manufacturer's instructions	E
	Inherited Metabolic (cont'd)	Biochrome 30+ Ion exchange HPLC Amino Acid Analyser	
	Methionine	SOP: BIO-E-100	
	Proline	SOP: BIO-E-100	
	Phenylalanine	SOP: BIO-E-100	
	Serine	SOP: BIO-E-100	
	Taurine	SOP: BIO-E-100	
	Threonine	SOP: BIO-E-100	
	Tyrosine	SOP: BIO-E-100	
	Valine	SOP: BIO-E-100	
Plasma	Tyrosine	Agilent HPLC using isocratic HPLC with fluorescence detection using SOP: BIO-E-99	E
	Phenylalanine	SOP: BIO-E-99	
	Homocysteine	SOP: BIO-E-62	
Urine	Organic Acid Profile Orotic Acid Methylmalonic acid	Agilent GCMS using Gas chromatography with mass spectra. SOP: BIO-E-71 SOP: BIO-E-73 SOP: BIO-E-68	E
		Shimadzu UV1900i Spectrophotometer detected by Photometry	
Plasma	Biotinidase	SOP : BIO-E-53	E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry testing for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
	Inherited Metabolic (cont'd)		
Leukocytes	Protein	Lowry method, photometry using SOP: BIO-E-65	E
Leukocytes, Fibroblasts	Arylsulphatase A	SOP: BIO-E-157, BIO-E-66	E
Urine	Mucopolysaccharide quantitative	SOP: BIO-E-70	E
Urine	Mucopolysaccharide electrophoresis	Electrophoresis: one dimensional electrophoresis - manual method using SOP: BIO-E-69	E
Biopsy (Duodenal,Jejunal)	<u>Disaccharidase Enzyme analysis</u>	Shimadzu RF6000 Fluorimeter detected by Fluorimetry and SOP: BIO-E-54	E
	Lactase	SOP: BIO-E-54	E
	Maltase	SOP: BIO-E-54	E
	Sucrase	SOP: BIO-E-54	E
Sweat	Sweat Chloride	Detected by Photometry using Shimadzu UV1900i Spectrophotometer SOP: BIO-E-35	E
	Sweat conductivity	Wescor WE-3120 Sweat conductivity meter detected by Conductivity using SOP: BIO-E-1	E



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HUMAN BODY FLUIDS AND TISSUES (cont'd)	<u>Clinical Biochemistry testing for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
		Shimadzu RF6000 Fluorimeter detected by Fluorimetry using	E
Leukocytes, Fibroblast	Leucocyte screen Lysosomal enzyme screen (panel of enzymes)	SOP: BIO-E-157, BIO-E-66	E
Leukocytes/Fibroblasts	Acid esterase B-galactosidase a-mannosidase a-fucosidase B-mannosidase	SOP: BIO-E-157, BIO-E-66	
Leukocytes, Fibroblasts, Plasma	hexosaminidase total	SOP: BIO-E-157, BIO-E-66 BIO-E-67	
Leukocytes, Fibroblasts,	hexosaminidase A B-glucosidase Sphingomyelinase Galactocerebrosidase	SOP: BIO-E-157, BIO-E-66	
	<u>Individual lysosomal enzymes</u>		
Leukocytes	a-galactosidase	SOP: BIO-E-44	
Leukocytes, Fibroblasts	a-Glucosidase	SOP: BIO-E-46	
	a-iduronidase	SOP: BIO-E-47	
Plasma	B-glucuronidase	SOP: BIO-E-67	
Whole Blood	Galactose-1- Phosphate uridylyltransferase - qualitative	Manual method using Water bath, UV lamp, and detected using UV light fluorescence using SOP: BIO-E-61	



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology Serology for the purpose of clinical diagnosis</u>	In house methods using manufacturer's instructions	
Serum, Plasma	Hepatitis B Surface Antigen (HBsAg) Qualitative	Roche 801; SOP VIRS-223	C
Serum, Plasma	Cytomegalovirus IgG assay (CMV IgG)	Roche 801; SOP VIRS-203	C
Serum, Plasma	Hepatitis B Core antibodies II (Anti-HBc)	Roche 801; SOP VIRS-223	C
Serum, Plasma	Human T-lymphotropic virus I/II (HTLV-I/II)	Roche 801; SOP VIRS-203	C
Serum, Plasma	HIV combi (AK+AG)	Roche 801; SOP VIRS-225	C
Serum, Plasma	Anti-HBc IgM	Roche 801; SOP VIRS-223	C
Serum, Plasma	Hepatitis B e antibodies (Anti-HBe)	Roche 801; SOP VIRS-223	C
Serum, Plasma	Hepatitis B e antigen (HBeAg)	Roche 801; SOP VIRS-223	C
Serum, Plasma	Hepatitis B surface antibody (Anti-HBs)	Roche 801; SOP VIRS-223	C
Serum, Plasma	Hepatitis A IgM antibody (HAVAb-IgM)	Roche 801; SOP VIRS-222	C
Serum, Plasma	Hepatitis C antibodies (Anti-HCV)	Roche 801; SOP VIRS-224	C
Serum, Plasma	Rubella IgG	Roche 801; SOP VIRS-203	C
Serum, Plasma	Treponema pallidum (Syphilis)	Roche 801 ; SOP VIRS-228	C
Serum, Plasma	Toxoplasma IgG	Roche 801; SOP VIRS-203	C
Serum, Plasma	Ebstein-Barr virus viral capsid antigen IgG (EBV VCA IgG)	Roche 801 VIRS-226	C
Dried blood spots	Human Immunodeficiency virus (HIV Ag/Ab)	Roche 801; SOP VIRS-151	C
	Hepatitis B Surface Antigen (HBsAg) Qualitative	Roche 801; SOP VIRS-151	C



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology Serology for the purpose of clinical diagnosis</u> (cont'd)	In house methods using manufacturer's instructions.	
Dried blood spots	Hepatitis B Core antibodies II (Anti-HBc)	Roche 801; SOP VIRS-151	C
Dried blood spots	Hepatitis C antibodies (Anti-HCV)	Roche 801; SOP VIRS-151	C
Serum, Plasma	Epstein-Barr virus capsid antigens IgM (EBV VCA IgM)	Diasorin Liaison XL by Qualitative, Quantitative determination of Ag/Ab status by Indirect chemiluminescence immunoassay (CLIA) using SOP: VIRS-157	C
Serum, Plasma	Epstein-Barr virus capsid antigens IgG (EBV VCA IgG)	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Epstein-Barr virus Nuclear Antigen IgG (EBV EBNA)	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Parvovirus B19 IgG	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Parvovirus B19 IgM	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Hepatitis B surface antigen (HBsAg)	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Varicella Zoster virus IgG (VZV IgG)	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Measles IgG	Diasorin Liaison XL SOP: VIRS-157	C
Serum	Mumps IgG	Diasorin Liaison XL SOP: VIRS-157	C
Serum, Plasma	Cytomegalovirus IgM (CMV IgM)	Roche 801; SOP VIRS-203	C
Serum, Plasma	CMV IgG avidity	Diasorin Liaison XL SOP: VIRS-157	C
Whole blood (Test specific tubes)	Interferon gamma (Quantiferon)	Chemiluminescence Immunoassays DiaSorin Liaison XL	A



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology Serology for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using: QuantiFERON –TB GOLD (QFT) measuring responses to TB peptide antigens using SOP: VIRS-275	
Serum/Plasma	Hepatitis delta antibody (HDV)	HDV total antibody by Diasorin Liaison XL using SOP: VIRS-157	C
Serum, Plasma	Hepatitis B core IgG/IgM (HBc IgG/IgM)	Biomerieux VIDAS 3 by Qualitative, Quantitative determination of Ag/Ab status by immunoassay sandwich method with a final fluorescent detection, Enzyme Linked Fluorescent Assay (ELFA) using SOP: SER-22	C
Serum, Plasma	Human Immunodeficiency virus I/II (HIV I/II Ag/Ab)	Biomerieux VIDAS 3 using HIV DUO Ag/Ab Assay : SOP SER-22	C
Serum, Plasma	Hepatitis B surface antigen (HBs Ag)	Biomerieux VIDAS 3; SOP SER-22	C
Serum, Plasma	Hepatitis C antibody (Anti-HCV)	Biomerieux VIDAS 3; SOP SER-22	C
Serum, Plasma	Rubella IgM	Roche 801; SOP VIRS-203	C
Serum/Plasma	HAV IgM	Biomerieux VIDAS 3; SOP SER-22	C
Serum/Plasma	HEV IgG	Biomerieux VIDAS 3; SOP SER-22	C
Serum/Plasma	HEV IgM	Biomerieux VIDAS 3; SOP SER-22	C



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HUMAN BODY FLUIDS (cont'd)	<u>Microbiology Serology for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Serum, Plasma (Citrate, EDTA, Heparin)	Human immunodeficiency virus I or II (HIV I or II)	Bio-Rad Geenius HIV Confirmatory Assay by immunochromatographic test for the confirmation and differentiation of antibodies to HIV-1 and HIV-2 using SOP: VIRS-181	C
Serum and Plasma (EDTA)	Rapid Plasma Reagen (RPR) for Syphilis Testing	Gold Standard RPR kit and AIX 1000 SOP SER-27	C
Serum and Plasma (EDTA)	Treponema Pallidum (Syphilis) Total Antibody Confirmation	Diasorin Liaison XL SOP VIRS-1578	C
Serum, Plasma	HSV Type I IgG	Roche 801; SOP VIRS-309	C
Serum, Plasma	HSV Type II IgG	Roche 801; SOP VIRS-309	C
Serum, Plasma	Total Hepatitis A Antibody	Roche 801; SOP VIRS-222	C



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issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

NHS Lothian

Issue No: 021 Issue date: 11 June 2026

Testing performed by the Organisation at the locations specified below

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u>	Documented In-house methods using	
Serum	Immunofluorescence – antibodies to: Anti nuclear antibody (ANA)- Gastric parietal cell antibody (GPC) Anti mitochondrial antibody (AMA) Smooth muscle antibody (SMA) Liver Kidney Microsomal antibody (LKM) Anti Neutrophil cytoplasmic antibody (ANCA)	<u>Autoimmune Immunofluorescence</u> Quantalyser 2 slide processor using indirect immunofluorescence BS-IMM-S29 Operation and maintenance of the Quanta-lyser 2 Slide Processor BS-IMM-S26 Measurement of anti-nuclear antibody using NOVA Lite Hep2 DAPI ANA kit and the Quantlayer 2 BS-IMM-S27 Measurement of gastric parietal cell, anti-mitochondrial and smooth muscle antibody and liver kidney microsomal using NOVA Lite rat liver, kidney, stomach kit and the Quantalyser 2 BS-IMM-S28 Measurement of anti-neutrophil cytoplasmic antibody using the NOVA Lite DAPI ANCA Kit and the Quantalyser 2 BS-IMM-S10 Operation of Olympus CX41 Microscope	H
Serum	Complement C3 and C4	Using Roche Cobas c702 SOP: BS-IMM-S55	C



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using	
Serum (cont'd)	Autoimmune FEA	Phadia 250 using fluorescence enzyme immunoassay (FEIA)	H
	Autoantibodies to (cont'd):	BS-IMM-S24 Operation and Maintenance of the Phadia 250	H
	Cyclic citrullinated peptide (CCP)	BS-IMM-S34 Measurement of anti-CCP by FEIA using the Phadia 250	H
	Glomerular basement membrane (GMB)	BS-IMM-S13 Measurement of anti-GBM antibodies by FEIA using Phadia 250	H
	dsDNA antibody	BS-IMM-S37 Measurement of dsDNA by FEIA using the Phadia 250	H
Serum	Rheumatoid Factor	BS-IMM-S57 Measurement of RHF antibodies by Fluoroenzyme Immunoassay using the Phadia 250	H
Serum	Anti M2	BS-IMM-S58 Measurement of anti-M2 antibodies by fluoroenzyme immunoassay using the Phadia 250	H



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented In-house methods using	
Serum (cont'd)	Extractable nuclear antigen(ENA) profile (consisting of Ro (SS-A), La (SS-B), SmDP, U1RNP, Scl-70S, Jo-1), centromere	BS-IMM-S18 Measurement of ENA screen and Ro, La, SmDP, U1RNP, Scl-70S & Jo-1 by FEIA using Phadia 250	H
	Myeloperoxidase (MPO) Proteinase 3 (PR3)	BS-IMM-S36 Measurement of MPO & PR3 antibodies by FEIA using Phadia 250	H
	<u>Allergy</u>	Phadia 250 using sandwich immunoassay BS-IMM-S24 Operation and maintenance of the Phadia 250	
	Total IgE	BS-IMM-S22 Measurement of Total IgE using the Phadia 250	H
	Tryptase	BS-IMM-S23 Measurement of Tryptase using the Phadia 250	H



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Serum (cont'd)	<u>Allergy</u> (cont'd)	Phadia 250 using sandwich immunoassay	
	<u>Food Allergens</u> Egg white f1 Milk f2 Cod f3 Wheat f4 Sesame f10 Peanut f13 Soya f14 Hazelnut f17 Brazil nut f18 Almond f20 Crab f23 Shrimp f24 Pork f26 Coconut f36 Blue mussel f37 Tuna f40 Salmon f41 Gluten f79 Kiwi f84 Melon f87 Banana f92 Pecan nut f201 Cashew nut f202 Pistachio f203 Pine nut f253 Walnut f256 Tomato Lentil Chicken meat Citrus mix (FX29) Apple White Bean Omega-5 gliadin f416	BS-IMM-S24 Operation and maintenance of the Phadia 250 BS-IMM-S35 Measurement of Specific IgE using Phadia 250	H
	<u>Food mixes</u> Mixed nuts fx1 Mixed fish fx2 Mixed nuts (2) fx22		H



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	H
Serum (cont'd)	<u>Allergy</u> (cont'd)	Phadia 250 using sandwich immunoassay	H
	<u>Animal/ birds</u> Cat dander e1 Horse dander e3 Dog dander e5 Mouse epithelium e71 Mouse urine e72 Rat epithelium e73 Rat urine e74	BS-IMM-S24 Operation and maintenance of the Phadia 250 BS-IMM-S35 Measurement of Specific IgE using Phadia 250	H
	<u>Animal/ bird mixes</u> Mixed animal ex1 Mixed rodent ex70 Mixed feathers ex71 Mixed cagebird ex72	Phadia 250 using sandwich immunoassay BS-IMM-S24 Operation and maintenance of the Phadia 250 BS-IMM-S35 Measurement of Specific IgE using Phadia 250	H
	<u>Drugs</u> Pennicilloyl G c1 Pennicilloyl V c2 Ampicilloyl c5 Amoxicilloyl c6 Suxamethonium c202		
	<u>Venoms</u> Honey bee venom i1 Wasp venom i3		
	<u>Pollen/ mould mixes</u> Mixed grass gx3 Mixed tree tx1 Mixed moulds mx1		
	<u>Miscellaneous</u> Latex k82 House dust mite d1		
	<u>Pollens/ Moulds</u> Aspergillus m3 Rape pollen w203		



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HUMAN BODY FLUIDS (cont'd)	<u>Immunology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented In-house methods using:	
Serum	<u>Allergy</u> (cont'd)	Phadia 250 using sandwich immunoassay	
	<u>Avian and Aspergillus precipitins</u> Aspergillus precipitins Gm3 Budgie antigen Ge90 Pigeon antigen Ge91 Parrot antigen Ge92	BS-IMM-S25 Measurement of Avian and Fungal related antibodies using Phadia 250	H

END