


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8918 Accredited to ISO 15189:2022	Swansea Bay University Health Board	
	Issue No: 011	Issue date: 10 February 2025
	ABM University Health Board Headquarters 1 Talbot Gateway Port Talbot SA12 7BR	Contact: Dr Andar Gunneberg Tel: +44 (0) 1792 703988 E-Mail: Andar.gunneberg@wales.nhs.uk Website: www.abm.wales.nhs.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
Pathology Department Morriston Hospital Heol Maes Eglwys Morriston Swansea SA6 6NL Local contact Dr Andar Gunneberg	Clinical Biochemistry Haematology Immunology Blood Transfusion Phlebotomy Management of two lab-based blood fridges	M
Pathology Department Princess of Wales Hospital Coity Road Bridgend CF31 1RQ Local contact Dr Andar Gunneberg	Clinical Biochemistry Haematology Toxicology Blood Transfusion Phlebotomy Management of two lab-based blood fridges	B
Pathology department Singleton Hospital Sketty Lane Swansea SA2 8QA Local contact Dr Andar Gunneberg	Clinical Biochemistry Haematology Blood Transfusion Phlebotomy Management of two lab-based blood fridges	S
Hot lab Pathology Department Morriston Hospital Heol Maes Eglwys Morriston Swansea SA6 6NL Local contact Dr Andar Gunneberg	Full blood count Routine coagulation tests	MHL



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Site activities performed away from the locations listed above:

Location details	Activity	Location code
Sancta Maria Hospital Lamberts Road Swansea SA1 8FD Local contact Laboratory: Ms Lorraine Samuel Morrison Hospital	Blood storage, single fridge	SM
Pathology Department Neath Port Talbot Hospital Baglan way Port Talbot SA12 7BX Local contact Dr Andar Gunneberg	Specimen reception Phlebotomy Management of single lab-based blood fridge	NPT



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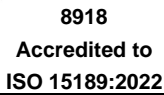
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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	Roche Cobas ISE, c702, e602, e801, c501 Using manufacturer's instructions and documented in-house procedure LMS4027	
Venous Whole Blood: Serum, plasma	Quantification of:		
	Alpha fetoprotein	Sandwich	M
	Ammonia	Enzymatic	M, B, S
	Angiotensin Converting Enzyme	Enzymatic rate A	M
	Albumin	Colourimetric 2 point end	M, B, S
	Alkaline Phosphatase	Colourimetric rate A	M, B, S
	Alanine Transaminase	Enzymatic rate A	M, B, S
	Amylase	Enzymatic rate A	M, B, S
	Aspartate Transaminase	Enzymatic rate A	M
	Vitamin B12	Competitive	M
	Human Chorionic Gonadotropin	Sandwich	M, B, S
	Bile Acids	Enzymatic rate A	M
	NT-pro BNP	Sandwich	M
	Tumour Marker CA-125	Sandwich	M
	Tumour Marker CA-153	Sandwich	M
	Tumour Marker CA-199	Sandwich	M
	Complement Screen C3	Immunoturbidmetric 2 point end	M
	Complement Screen C4	Immunoturbidmetric 2 point end	M
	Calcium	UV 2 point end	M, B, S
	Carcinoembryonic Antigen	Sandwich	M
	Cholesterol	Enzymatic rate A	M
	Creatine Kinase	UV rate A	M, B
	Chloride	ISE	M, B, S
	Bicarbonate	Enzymatic 2 point end	M, B, S
	Cortisol	Competitive	M, B
	Creatinine	Kinetic rate A	M, B, S
	C-Reactive Protein	Immunoturbidmetric 2 point end	M, B, S
	Direct Bilirubin	Colourimetric 2 point end	M, B, S
	Digoxin	Competitive	M, B
	Carbamazepine	Fluorescence polarization	B
	Phenytoin	Fluorescence polarization	B
	Phenobarbitone	Fluorescence polarization	B
	Valporate	Fluorescence polarization	B
	Amikacin	Fluorescence polarization	B
	Creatine	Fluorescence polarization	B
	Oestradiol	Competitive	M



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Roche Cobas ISE, c702, e602, e801, c501 Using manufacturer's instructions and documented in-house procedure LMS4027	
Venous Whole Blood: Serum, Plasma (cont'd)	Quantification of:		
	Alcohol	Enzymatic 2 point end	M, B, S
	Iron	Colourimetric 2 point end	M, B
	Ferritin	Sandwich	M
	Folate	Competitive	M
	Follicle Stimulating Hormone	Sandwich	M
	Free T3	Competitive	M
	Free T4	Competitive	M
	Gamma-glutamyl transferase	Enzymatic rate A	M
	Gentamicin	Kinetic 2 point end	M, S, B
	Glucose	Enzymatic 2 point end	M, B, S
	High Density Lipids	Enzymatic 2 point end	M
	Immunoglobulin A	Immunoturbidmetric 2 point end	M
	Immunoglobulin E	Sandwich	M
	Immunoglobulin G	Immunoturbidmetric 2 point end	M
	Immunoglobulin M	Immunoturbidmetric 2 point end	M
	Potassium	ISE	M, B, S
	Lactate	Colourimetric 2 point end (Lactate>Pyruvate)	M, B, S
	Lactate Dehydrogenase	UV rate A	M
	Luteinising Hormone	Sandwich	M
	Lipase	Enzymatic rate A	M
	Lithium	Colourimetric 1 point	M, B
	Magnesium	Colourimetric 2 point end	M, B, S
	NSE	Electrochemiluminescence – sandwich assay	M
	Sodium	ISE	M, B, S
	Paracetamol	Enzymatic 2 point end	M, B, S
	Phosphate	UV 2 point end	M, B, S
Serum/plasma	Procalcitonin	Sandwich	M, B
	Prolactin	Sandwich	M
	Progesterone	Competitive	M
	Prostate Specific Antigen	Sandwich	M
	Parathyroid hormone	Sandwich	M
	Rheumatoid Factor	Immunoturbidmetric 2 point end	M
	Salicylate	Enzymatic 2 point end	M, B, S
	Sex Hormone Binding Globulin	Sandwich	M
	Total Bilirubin	Colourimetric 2 point end	M, B, S
	Testosterone	Competitive	M
	Theophylline	Kinetic 2 point end	M, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Roche Cobas ISE, c702, e602, e801, c501 Using manufacturer's instructions and documented in-house procedure LMS4027	
Venous Whole Blood: Serum, Plasma (cont'd)	Quantification of: Troponin T Total Protein Anti Thyroid Peroxidase Transferrin Triglyceride Thyroid Stimulating Hormone Urea Uric Acid Methotrexate Vitamin D Vancomycin	Sandwich Colourimetric 2 point end Competitive Immunoturbidmetric 2 point end Enzymatic 1 point Sandwich Kinetic rate A Enzymatic 2 point end Enzymatic RCM Competitive Fluorescence polarisation	M, B, S M, B, S M M M M M, B, S M, B, S S M M, B, S
Urine	Quantification of the following: Calcium Chloride Creatinine Potassium Magnesium Microalbumin Sodium Phosphate Protein Urea Uric Acid Faecal Calprotectin	Roche Cobas ISE, c702, e602, e801, c501 Using manufacturer's instructions and documented in-house procedure LMS4027 UV 2 point end ISE Kinetic rate A ISE Colourimetric 2 point end Immunoturbidmetric ISE UV 2 point end Turbidmetric 2 point end Kinetic rate A Enzymatic rate A PETIA (LMS-A-SOP Faecal Calprotectin Extraction)	M M M, B, S M, B, S M M M, B, S M M, S, B M M M
Faeces		Calprotectin Extraction) Turbidmetric 2 point end Colourimetric 2 point end (Lactate>Pyruvate) Enzymatic 2 point end	M, B M, B
CSF	Protein		M, B
CSF	Lactate		M, B
CSF	Glucose		M, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	B
Urine	Creatinine	Kinetic rate A	
Plasma/serum	AKI Alert	By calculation	
Urine	Albumin:creatinine ratio	By calculation	
Plasma/serum	Calcium (adjusted)	By calculation	
24hr urine	Calcium output	By calculation	
Urine	Calcium:creatinine ratio	By calculation	
Plasma/Serum/Urine	Calcium creatinine clearance	By calculation	
Serum	Cholesterol:HDL ratio	By calculation	
24hr urine, serum/plasma	Creatinine clearance	By calculation	
24hr Urine	Creatinine Output	By calculation	
Serum/Plasma	Estimated GFR	By calculation	
Serum	Free Androgen Index	By calculation	
Serum/plasma	Globulin	By calculation	
Serum/plasma	Liver Plan AST/ALT Ratio	By calculation	
Serum	LDL Cholesterol	By calculation	
24hr urine	Magnesium output	By calculation	
Urine	Magnesium:creatinine ratio	By calculation	
Serum	Non HDL Cholesterol	By calculation	
24hr urine	Phosphate output	By calculation	
Urine	Phosphate:creatinine ratio	By calculation	
Urine	Porphyryn:creatinine ratio	By calculation	
24hr urine	Potassium output	By calculation	
24hr urine	Protein output	By calculation	
Urine	Protein:creatinine ratio	By calculation	
Serum/plasma	Serum ascites albumin gradient	By calculation	
24hr urine	Sodium output	By calculation	
Serum	Transferrin saturation	By calculation	
Urine	Urate output	By calculation	
Urine	Urate:creatinine ratio	By calculation	
24hr urine	Urea Output	By calculation	
Serum	Kappa/lambda ratio	By calculation	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Serum	Alpha-1-Antitrypsin phenotyping	Pharmacia Biotech Multiphor II electrophoresis system using an isoelectric focusing technique SOP LMS915	M
CSF	Xanthochromia	Uvikon XS spectrophotometer using a spectrophotometer technique SOP LMS802	M, B
Sweat	Sweat chloride	Sherwood M926S chloride meter using titrimetric analysis	M
Sweat	Sample Collection	SOP LMS4053 Sweat collection using the Macroduct Advanced Sweat Collection System	M, B
EDTA whole blood	HbA1c	Sebia Capillarys 3 using an capillary electrophoresis technique SOP LMS2015	M
EDTA whole blood	Haemoglobin A1c Boronate Affinity	Alere Afinion 2 Analyser using a boronate affinity technique SOP LMS1006 Sebia Hydrasys 2 using electrophoresis and immunofixation techniques	M
Serum	Identification of paraprotein bands	SOP LMS1959	M
Serum	Alpha-1-Antitrypsin phenotyping	Isoelectrofocusing - SOP LMS915	M



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Whole blood	Methaemoglobin	Gem 4000 Using a spectrometric technique SOP LMS4113	
	Carboxyhaemoglobin		M, B
	pH		M, B
	pCO2		M, B
	pO2		M, B
	Total haemoglobin		M, B
	Oxyhaemoglobin		M, B
	sO2		M, B
	TCO2		M, B
	BEecf		M, B
	BE (B)		M, B
	HCO3 (c)		M, B
	HCO3 std		M, B
	Hct		M, B
	Sodium		B
	Potassium		B
	Chloride		B
	Glucose		B
	Ionised calcium		B
	Lactate		B
Serum, plasma, urine	Osmolality	Advanced instruments osmometer Osmo1 using a freezing point depression technique SOP LMS4114	M, S, B
Urine	Total porphyrin screen	Using North Star UV Spectrophotometer SOP LMS4118	B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
	Qualitative Porphobilinogen	Manual method performed using Ehrlich's reagent	B
Urine	pH	Hanna pH checker SOP LMS4051	B
	pH	Hanna pH 2100 SOP LMS8423	M



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HUMAN BODY FLUIDS (cont'd)	<u>Toxicology examinations for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures	
Urine	Drug screen confirmation: Amphetamine group substances Amphetamine L/D Ratio Barbiturates Cocaine Methadone/Methadone metabolite Opiates (including MAM) Psychoactive drug screen: Mephedrone, Ketamine, Phencyclidine Tramadol	Thermo ISQLT analyser using a GC-MS technique SOP LMS4110	B
Urine	Buprenorphine	Cobas 501 using an enzyme immunoassay technique SOP LMS4111	B
	Drug Screening:	Roche Cobas c501 (As part of ISE, c702, e602, e801, c501 line within Biochemistry) LMS-A-SOP Drugs of Abuse Screen	
	Amphetamine	KIMS	B
	Barbiturate	KIMS	B
	Benzodiazepine	KIMS	B
	Cannabis	KIMS	B
	Cocaine	KIMS	B
	Methadone/Methadone	KIMS	B
	Metabolites		
	Opiates	KIMS	B



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures	
Serum	Autoimmunity detection of:	Helios analyser using the Indirect Immunofluorescence method SOP LMS3408	M
Serum	Anti Nuclear Antibodies (ANA) Liver Autoantibodies (LIVA) including GPC antibodies Anti Neutrophil Cytoplasmic Antibodies (ANCA) Anti-ds DNA Crithidia luciliae Quantification of specific IgE to: House dust mite Cat Horse Dog Caged bird feathers Egg white Cow's milk Cod Wheat Sesame seed Pea Peanut Soya Hazel nut Brazil nut Almond Crab Shrimp Tomato Orange Coconut Blue mussel Tuna Salmon Strawberry Apple Egg yolk	Immunocap 200 using a Fluorenzyme Immunoassay SOP LMS4052	M



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	M
Serum (cont'd)	Quantification of specific IgE to: (cont'd)	Immunocap 200 using a Fluorezyme Immunoassay SOP LMS4052	
	Kiwi fruit Celery Banana Pecan Cashew nut Pistachio nut Lentil Walnut Chickpea Rape seed Macadamia nut Mixed grass pollen Latex Sunflower seed Aspergillus Mixed moulds Mixed tree pollen Birch Pollen Cacao Casein Cod Gluten Guinea Pig Hamster Mugwort Ovalbumin Pineapple Pinenut Rabbit Epithelium Ragweed Sesame Seed Sweet Pepper (paprika) Wheat White Bean		



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Serum	Detection of:	Binding site Optilite using turbidimetry	M
	Free light chains	SOP LMS4054	
	Beta-2-Microglobulin	LMS-A-SOP B2M	M
	Alpha-1-Antitrypsin	LMS-A-SOP AAT	M
Serum	Detection of:	Using ELISA on DS2	M
	Intrinsic factor antibody	SOP LMS10317	
	Anti-transglutaminase antibodies (TTG)-IgA		
Serum	Detection of:	Using chemiluminescence on Werfen Bioflash	
	Anti-ds DNA	SOP LMS10264	
	Anti cardiolipin antibodies		
	Cyclic Citrullinated Peptide (CCP) antibody		
	Anti-ENA screen		
	Anti-ENA identification:		
	Ro52		
	Ro60		
	SSB		
	SCL70		
	RNP		
	SM		
	Jo1		
	Anti-beta-2-glycoproteins		
	MPO		
	PR3		
	Glomerular basement membrane		
	Anti-transglutaminase antibodies (TTG)-IgG		



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HUMAN BODY FLUIDS (cont'd)	<u>Immunological examination for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Serum	Myositis screen Scleroderma 70 screen Liver autoantibodies extended profile	Using EuroImmun Euroimmune Blot Master Automated Blot Preparation Instrument SOP LMS104256	M
Peripheral Blood, Bone Marrow, CSF and other Body Fluids	<u>Flow cytometry examination for the purpose of clinical diagnosis</u> Diagnosis and monitoring of haematological malignancies to include Acute Leukaemia, Lymphoproliferative disorders (T&B)	Using manufacturer's instructions and documented in-house procedures for Becton Dickinson FACSLytic using Flow Cytometry. SOP LMS3381	S
Venous Whole Blood: EDTA	CD34 +ve Stem Cell Enumeration	SOP LMS4049	S
Bone Marrow	Diagnosis and monitoring of Paroxysmal Nocturnal Haemoglobinuria (red and white cells)	SOP LMS3379	S
	Leukaemia Immunophenotyping	SOP LMS3381	S
		Using manufacturer's instructions and documented in-house procedures for Becton Dickinson FACSLytic using Flow Cytometry, sample preparation by FACSDuet.	
Venous Whole Blood: EDTA	Immune monitoring: CD3 CD4 CD8 CD16+56 CD19% Absolute Counts	SOP LMS105845 SOP LMS105829	S



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures	
Venous whole blood EDTA	Full Blood Count:	<p>Sysmex XN10 and XN20 using hydrodynamic focussing DC detection, SLS haemoglobinometry and fluorescence flow cytometry</p> <p>1 x XN10 and 1x XN20 (paired)</p> <p>3 x XN10 and 1x XN20 (collectively XN9000)</p> <p>1 x XN10 and 1 x XN20</p> <p>SOP LMS4061</p>	<p>S, B</p> <p>M</p> <p>MHL</p>
	<p>Haemoglobin</p> <p>White Blood Cell Count</p> <p>Red Blood Cell Count</p> <p>Platelet Count</p> <p>Haematocrit</p> <p>Mean Cell Volume\</p> <p>Mean Cell Haemoglobin</p> <p>Mean Cell Haemoglobin Concentration</p> <p>Neutrophil Count</p> <p>Lymphocyte Count</p> <p>Monocyte Count</p> <p>Eosinophil Count</p> <p>Basophil Count</p> <p>Reticulocyte Count</p> <p>Nucleated Red Blood Cell Count</p>		
Venous whole blood: citrated	Erythrocyte Sedimentation Rate (ESR)	<p>Using Menarini Vesmatic by Red cell sedimentation measurement</p> <p>SOP LMS4059</p> <p>Using Mini Cube by opt-electronic sensors</p> <p>SOP LMS 108580</p>	<p>M, B</p> <p>M, B</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Blood films	Reporting of normal and abnormal morphologies, including White Blood Cell Differential	Automated Sysmex SP10 film spreader and stainer May-Grunwald Giemsa stainer SOP LMS4065	M, S, B
Blood Bone marrow, CSF and other body fluids	Diagnosis and monitoring of haematological malignancy and bone marrow failure.	Automated method using Sysmex SP10 for May-Grunwald Giemsa Microscopic examination of stained slides SOP LMS4065	S
Venous Whole Blood: EDTA, Plasma or Serum	Screen for IM heterophile antibodies	Using Clearview IM immunoassay kit SOP LMS1160	M, B, S
Venous whole blood: EDTA	Screening for the detection of <i>Plasmodium falciparum</i> and <i>Plasmodium</i> spp. (Including: <ul style="list-style-type: none"> <i>Plasmodium ovale</i> <i>Plasmodium falciparum</i>, <i>Plasmodium malariae</i> <i>Plasmodium vivax</i>) 	CareUS Rapydtest Malaria antigen kit LMS-A-SOP Malaria Screening using the CareUS RapydTest Kit	M, B, S
	Detection and Identification of <i>Plasmodium</i> species: <ul style="list-style-type: none"> <i>P.falciparum</i> <i>P.vivax</i> <i>P.ovale</i> <i>P.malariae</i> <i>P. knowlesi</i> 	Using manual microscopy, Giemsa stained thin films, and Field's stained thick films using Sigma Aldrich stain LMS-A-SOP Staining of thick and Thin Films for Malaria Parasite Identification v9	M, B, S
Venous whole blood: EDTA	Screening to detect the presence of Haemoglobin-S	Clin-Tech Sickel Cell Kit SOP LMS4084	M, B, S



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Venous whole blood: EDTA	G6PD screening test	Trinity Biotech G6PD Screening Kit using a modified Beutler method SOP LMS4063	M
Venous Whole Blood: EDTA, Marrow	Detection of iron deposits	Manual Perls stain and examination by microscopy SOP LMS1149	S
Venous Blood: Citrated Plasma	Routine coagulation tests:	Sysmex CS5100 Sysmex CS2100i Using photo-optical clotting detection, immunoturbidimetric, and chromogenic methods SOP LMS4214 (CS2100i) SOP LMS4125 (CS5100)	M, MHL B, S
	Prothrombin Time / INR Activated partial Thromboplastin Time (APTT) Clauss Fibrinogen assay PT & APTT Correction Tests Thrombin Clotting Time (TCT) INR with Thromborel S D-Dimer		
Venous Blood: Citrated Plasma	Clotting tests:	Semi-automated clot detection method using Hart analyser SOP LMS101944	M, B, S
	Prothrombin Time APTT		
Venous Whole Blood: EDTA	Confirmation and identification of abnormal haemoglobins	Using Sebia hydrasys 2 gel electrophoresis SOP LMS103803	M



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures	
Venous Blood: Citrated Plasma	Special Coagulation Assays: Factor Assays: FII, V, VII, X FVIII, IX, XI, XII Inhibitor assays (Bethesda) FXIII von Willebrand Factor Antigen Anti Factor Xa assays: Danaparoid Low Molecular Weight Heparin Unfractionated Heparin, Rivaroxaban, Apixaban Dabigatran assay	Performed on Sysmex CS5100 Using photo optical, immunoturbidimetric, and chromogenic methods SOP LMS20 SOP LMS19 SOP LMS4127 SOP LMS474 SOP LMS4128 SOP LMS16 SOP LMS28	M
Venous Blood: Citrated Plasma	Protein C Activity Antithrombin activity Free Protein S Antigen Lupus Anticoagulant Screen	Performed on Sysmex CS5100 Using photo optical, immunoturbidimetric, and chromogenic methods Using chromogenic method SOP LMS4129 Using chromogenic method SOP LMS4129 Using immunoturbidimetric method SOP LMS4129 Using clotting method SOP LMS482	M
Venous whole blood: EDTA	Haemoglobinopathy screening for: Haemoglobin A Haemoglobin A2 Haemoglobin F	Using Sebia Capillarys 3 Flex capillary electrophoresis SOP LMS10099	M



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures	
Venous Whole Blood: EDTA	Blood Grouping: A, B and O groups Rhesus group antigens C, c, D, E and e Kell antigen status Rhesus negative screen	Automated method using Ortho Vision. Using micro columns and direct anti-globulin technique SOP LMS104153	M, B, S
Venous Whole Blood: EDTA	Blood Grouping: A, B and O groups Rhesus group antigens C, c, D, E and e Kell antigen status Rhesus negative screen	Manual process using indirect anti-globulin using Biovue cassettes and/or manual tube method SOP LMS235 and SOP LMS780	
Venous Whole Blood: EDTA	Detection and identification of the following antibodies using IgG and Enzyme panels: Rhesus blood group antibodies - D, C, E, c, e, f Cw Kell blood group antibody - K Duffy blood group antibodies - Fy(a), Fy(b) Kidd blood group antibodies - Jk(a), Jk(b) Lewis blood group antibodies - Le(a), Le(b) MNS blood group antibodies - S, s, M, N, P and P1 Lutheran blood group antibodies - Lu(a), Lu(b)	Automated detection performed on Ortho Vision using micro columns and direct anti-globulin technique SOP LMS958 Manual method using Biovue cassettes SOP LMS780	M, B, S



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u> (cont'd)	Using manufacturer's instructions and documented in-house procedures	
Venous Whole Blood: EDTA	Compatibility testing of patient's plasma with donor cells	Automated method using Ortho Vision using micro columns and indirect anti-globulin technique Manual method using Biovue cassettes SOP LMS999	M, B, S
Venous Whole Blood: EDTA	Direct Antiglobulin Test (DAT): Monoclonal	Automated method using Ortho Vision using micro columns and direct anti-globulin technique Manual method using Biovue cassettes SOP LMS4106	M, B, S
Venous Whole Blood: EDTA	Kleihauer for foetal/maternal bleed estimation	Acid Elution method using Guest Medical Limited kit SOP LMS419	S
END			