


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>10204</p> <p>Accredited to ISO 15189:2012</p>	<h3>HSL (Analytics) LLP</h3> <p>Issue No: 005 Issue date: 14 September 2020</p>	
	<p>The Halo Building 1 Mabledon Place London WC1H 9AX United Kingdom</p>	<p>Contact: Jacqueline Sutherland Tel: +44 (0) 207 307 7342 E-Mail: Jacqueline.sutherland@hslpathology.com Website: www.hslpathology.com</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address Rapid Response Laboratory (UCLH) 60 Whitfield Street London W1T 4EU</p> <p>Local contact Debbie Mann</p>	<p>Biochemistry Haematology Haemostasis Blood Transfusion</p>	A
<p>Diabetic Clinic Satellite Laboratory First Floor – Podium Diabetic Clinic K University College London Hospital 235 Euston Road London NW1 2BU</p> <p>Debbie Mann</p>	<p>Biochemistry</p>	B
<p>Intra-operative PTH Satellite Laboratory Operating Theatres University College London Hospital 235 Euston Road London NW1 2BU</p> <p>Debbie Mann</p>	<p>Biochemistry</p>	C
<p>OSCAR Clinic Satellite Laboratory Foetal and Maternal Assessment Unit Elizabeth Garrett Anderson Unit University College London Hospital 235 Euston Road London NW1 2BU</p> <p>Debbie Mann</p>	<p>Biochemistry</p>	D
<p>Satellite Laboratory Accident & Emergency Department University College London Hospital 235 Euston Road London NW1 2BU</p> <p>Debbie Mann</p>	<p>Haematology</p>	E



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Location details	Activity	Location code
Near Patient Testing Laboratory Macmillan Cancer Centre University College London Hospital Huntley Street London WC1E 6AG	Debbie Mann Haematology	F

Site activities performed away from the locations listed above:

Location details	Activity
Blood Issue Fridge Accident & Emergency Department University College London Hospital 235 Euston Road London NW1 2BU	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site
Blood Issue Fridge Tower Floor, Level 16 University College London Hospital 235 Euston Road London NW1 2BU	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site
Blood Issue Fridge Podium Level 3 University College London Hospital 235 Euston Road London NW1 2BU	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site
Blood Issue Fridge Operating Theatres University College London Hospital 235 Euston Road London NW1 2BU	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site



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Location details	Activity
Blood Issue Fridge Elizabeth Garrett Anderson Unit University College London Hospital 235 Euston Road London NW1 2BU	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site
Blood Issue Fridge Macmillan Cancer Centre University College London Hospital Huntley Street London WC1E 6AG	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site
Blood Issue Fridge National Hospital for Neurology & Neurosurgery Queen Square London WC1N 3BG	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site
Blood Issue Fridge University College London Hospital at Westmoreland Street 16-18 Westmoreland Street London W1G 8PH	Debbie Mann Blood issue fridge for storage of blood products only; no testing occurs at this site



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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>General Biochemistry</u> Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of:	In house documented procedures based on equipment manuals and standard methods as specified:	
Serum / Plasma (unless otherwise stated)		Ion Sensitive Electrode module using Roche Cobas 8000 system SOP BIO-008	A
Urine also	Sodium		
Urine also	Potassium		
Urine also	Chloride		
	Cortisol	Immunoassay using Roche Cobas e602 module SOP BIO-008	A
	Digoxin		
	Free Triiodothyronine		
	Free Thyroxine 4		
	Total Human Chorionic Gonadotrophin		
	Progesterone		
	Thyroid Stimulating Hormone		
	Troponin T		
		Photometry using Roche Cobas c702 module SOP BIO-008	A
Urine also	Albumin		
Urine also	Amylase		
	Alkaline Phosphatase		
	Alanine Transaminase		



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HUMAN BODY FLUIDS	<u>General Biochemistry</u> Biochemical examination activities for the purposes of clinical diagnosis. (cont'd) Quantitation of:	In house documented procedures based on equipment manuals and standard methods as specified: (cont'd)	A
Serum / Plasma (unless otherwise stated)	Amikacin	Photometry using Roche Cobas c702 module SOP BIO-008	
	Ammonia		
	Aspartate Aminotransferase		
	Bicarbonate		
	Bilirubin (conjugated)		
	Bilirubin (total)		
Urine also	Calcium		
	Carbamazepine		
	Cholesterol (total)		
	Cholesterol (HDL)		
	Creatine kinase		
Urine also	Creatinine (Jaffe)		
	Creatinine (Enzymatic)		
	C Reactive Protein (CRP)		
	C Reactive Protein - High Sensitivity		
	Ethanol		
	Gamma Glutamyl Transferase		



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HUMAN BODY FLUIDS	<u>General Biochemistry</u> Biochemical examination activities for the purposes of clinical diagnosis. (cont'd) Quantitation of:	In house documented procedures based on equipment manuals and standard methods as specified: (cont'd)	A
Serum / Plasma (unless otherwise stated)	Gentamicin	Photometry using Roche Cobas c702 module WSL-AB-COB-006	
CSF also	Glucose		
	Iron		
CSF also	Lactate		
	Lactate Dehydrogenase		
	Lithium		
Urine also	Magnesium		
	Methotrexate		
Urine only	Microalbumin		
	Paracetamol		
	Phenobarbitone		
	Phenytoin		
Urine also	Phosphate		
Urine & CSF also	Protein (total)		
	Salicyclate		
	Theophylline		
	Triglycerides		
Urine also	Urate		
Urine also	Urea		



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HUMAN BODY FLUIDS	<u>General Biochemistry</u> Biochemical examination activities for the purposes of clinical diagnosis. (cont'd) Quantitation of:	In house documented procedures based on equipment manuals and standard methods as specified: (cont'd)	
Serum / Plasma (unless otherwise stated)	Unsaturated Iron Binding Capacity	Photometry using Roche Cobas c702 module WSL-AB-COB-006	A
	Valproate		
	Vancomycin		
Serum & urine	Osmolality	Freezing point depression using Osmo 1 Osmometer SOP BIO-UCLH-001	A
Blood	HbA1c	Ion-exchange high performance liquid chromatography using TOSOH G8 SOP POCT-60RR-003	B
Serum / Plasma	Intra-operative of Parathyroid Hormone	Immunoassay using Future Digistat SOP POCT-60RR-002	C
Serum	Beta- Human chorionic gonadotrophin (hCG)	Chemiluminescent immunoassay using Perkin Elmer Delfia Xpress SOP POCT-60RR-001	D
	Protein Associated Plasma Protein-A (PAPP-A)		



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
EDTA Blood	<u>Haematology</u>	In house documented procedures based on equipment manuals and standard methods as specified:	
	Haematological examination activities for the purposes of clinical diagnosis.		
	Full Blood Count:	Measurement principles as described using Sysmex XN10, XN20, SP50 and TS10 modules on XN9000 system SOP WSL-AH-001	A
		Measurement principles as described using Sysmex XS-1000 SOP HAEM-CC-LP-A&E	E
		Measurement principles as described using Sysmex XN-1000 SOP HAEM-PC-LP-XN-1000	F
	White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils, nucleated red blood cells, reticulocytes	by fluorescence flow cytometry	
	Red blood cells, platelets	by impedance	
Peripheral Blood	Haemoglobin	by SLS photometry	
	Haematocrit	by cumulative pulse measurement	
	Blood film assessment & cell differential	Staining with May Grunwald & Giemsa stain manually or using RAL Staining Machine followed by microscopy SOPs WSL-AH-028, 031 & 052	A
Whole Blood	Reticulocyte Counting	Manual method using Supravital stain SOP WSL-AH-027	A
EDTA Blood	Erythrocyte sedimentation rate	Automated using Starrsed Interrliner (automated) SOP WSL-AH-006	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology</u> (cont'd) Haematological examination activities for the purposes of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:	
Plasma	Coagulation: Prothrombin Time International Normalised ratio Activated Partial Thromboplastin Time (APTT) APTT ratio Fibrinogen-Clauss D-Dimer	Light absorption using Sysmex CS5100 SOP WSL-AH-065, WSL-AH-066, WSL-AH-035, WSL-AH-044, WSL-AH-045, WSL-AH-047, WSL-AH-050, WSL-AH-041	A
Whole Blood	Detection of Sickle Cell Abnormal Haemoglobin	Helena Sickle Solubility Screen kit SOP WSL-AH-018	A
Serum / plasma	Detection of Infectious Mononucleosis Heterophile Antibody	Immunoassay using Biokit Monogen kit SOP WSL-AH-019	A
	<u>Special Coagulation</u>		
Plasma	Antithrombin III Activity	Chromogenic assay using Sysmex CS2500 SOP WSL-AH-064	A
Plasma	Anti-Xa	Chromogenic assay using Sysmex CS2500 SOP COAG-001	A
Plasma	Dilute Russell Viper Venom Time (DRVVT)	Clotting assay using Sysmex CS2500 SOP WSL-AH-064	A
Plasma	Intrinsic and Extrinsic Factor Assays: Detection of: Factor II Factor V Factor VII Factor VIII Factor IX Factor X Factor XI Factor XII	Clotting assay using Sysmex CS2500 SOP COAG-UCLH-014	A



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HUMAN BODY FLUIDS (cont'd)	<u>Special Coagulation</u> (cont'd) Haematological examination activities for the purposes of clinical diagnosis.(cont'd)	In house documented procedures based on equipment manuals and standard methods as specified	
Plasma	Factor 13	Chromogenic assay using Sysmex CS2500 SOP WSL-AH-069	A
Plasma / Serum	Heparin / Platelet Factor 4 Induced Antibodies	Manual ELISA using Asserachrom kit (Diagnostics Stago) SOP COAG-UCLH-016	
Plasma	Detection of:	Sysmex CS2500 and the following measurement principles: SOP WSL-AH-063	A
Plasma	Protein C Activity Protein S Antigen Protein S Activity	by chromogenic assay by immunoturbidimetric assay by clotting based assay	
Plasma	Taipan Venom Time	Clotting assay using Sysmex CS2500 SOP COAG-002	A
Plasma	Von Willibrand Factor Antigen and Activity	Immunoturbidimetric assay using Sysmex CS2500 SOP WSL-AH-072	A
Plasma / Serum	ADAMTS-13 Activity	Immunoassay and FRET method using Flurostar Omega SOP COAG-003	A
Plasma / Serum	ADAMTS-13 Antibody	Manual ELISA using FRET method SOP COAG-020	A
Plasma	Viscosity	Capillary oscillation using Benson Viscometer SOP COAG-UCLH-021	A
Serum / Plasma	Anti-cardiolipin antibodies Beta-2-glycoprotein antibodies	Chemiluminescent immunoassay using Werfen Bioflash SOP COAG-UCLH-025	



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HUMAN BODY FLUIDS (cont'd)	<u>Special Coagulation</u> (cont'd) Haematological examination activities for the purposes of clinical diagnosis.(cont'd)	In house documented procedures based on equipment manuals and standard methods as specified	
Citrated blood	Collagen/Epinephrine closure time (seconds) Collagen/ADP closure time (seconds) Inhibition of P2Y12 receptor for ADP	Whole blood shear using Siemens PFA-200 COAG-60RR-25	A
HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion</u> General examination activities for the purposes of clinical diagnosis:	In house documented procedures in conjunction with equipment manuals and standard methods as specified below:	A
EDTA Blood	Blood group: A Rh D positive A Rh D negative O Rh D positive O Rh D negative B Rh D positive B Rh D negative AB Rh D positive AB Rh D negative	Automated using Ortho Vision Max Analyser SOP BT-101	A
EDTA Blood	Antigen phenotyping: Rh: C, E, c, e, C ^w Kell: K	Manual using Ortho Cassettes SOP BT-60RR-027	A
EDTA Blood	Serological crossmatch	Manual Tube IAT, Immediate Spin and Cassette method SOP BT-119	A
		Electronic issue of blood by calculation SOP BT-119	A



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion</u> General examination activities for the purposes of clinical diagnosis:	In house documented procedures in conjunction with equipment manuals and standard methods as specified below:	A
EDTA	Detection of Foetal Haemoglobin and cells	Manual method using Source Bioscience Kleihauer test SOP BT-60RR-028	A
EDTA Blood	Antibody detection and identification: Rh: D, C, E, c, e, C ^W Kell: K, k, kp ^a , kp ^b , Js ^a , Js ^b Duffy: Fy ^a , Fy ^b Kidd: Jk ^a , Jk ^b Lewis: Le ^a , Le ^b P: P ₁ MNS: M, N, S, s Luth: Lu ^a , Lu ^b Xg: Xg ^a	Automated using Ortho Vision Max Analyser SOP BT-101 Manual method using cassettes, enzyme panels and tube method BT-60RR-027	A A
EDTA Blood	Direct Antiglobulin test (including newborn)	Automated using Ortho Vision Max Analyser SOP BT-60RR-026 Manual method using Ortho cassettes and tube method SOP BT-60RR-026	A A
Nasopharyngeal swabs in viral transport media	<u>Virology</u> Examination activities for the purpose of clinical diagnosis Detection of SARS CoV-2 virus RNA (COVID-19) specific gene sequences: E, N2	Polymerase chain reaction using Cepheid GeneXpert and Xpert Xpress SARS-CoV-2 kit SOP PCR2-MP5-49	E

END