


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8200 Accredited to ISO 15189:2012	HSL Analytics LLP	
	Issue No: 011 Issue date: 21 February 2025	
	Essential Services Laboratory 5th Floor, K Block Whittington Hospital Magdala Avenue London N19 5NF	Contact: Jacqueline Sutherland Tel: +44 (0)20 7307 7342 E-Mail: Jaqueline.Sutherland@hslpathology.com
Testing performed at the above address only		

Site activities performed away from the location listed above

Location details	Site Activity
Whittington Hospital Magdala Avenue London N19 5NF United Kingdom	
As above - Thalassaemia Unit	Blood storage/issue
As above - Main Theatre	Blood storage/issue
As above - Labour Ward	Blood storage/issue



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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: Serum/ Plasma unless otherwise specified	<u>Biochemistry examination activities for the purpose of clinical diagnosis:</u>	Documented procedures & manufacturer's instructions for Roche Cobas 8000 analyser using manufacturers reagents unless otherwise specified with specific reference to: TP BS 300 004 - Roche Cobas 8000 Operating Procedure
	Albumin Alcohol ALP ALT Ammonia AST Bile acids Bilirubin Calcium Carbamazepine Chloride Cholesterol CK Conjugated Bilirubin Creatinine CRP Digoxin estimated glomerular filtration rate (eGFR)	photometric photometric photometric photometric photometric photometric Photometric (Dialab 903120) photometric photometric photometric Ion Selective Electrode photometric photometric photometric photometric photometric calculation
CSF	gamma GT Gentamicin Glucose HDL Cholesterol Ionised Calcium Iron	photometric photometric photometric photometric photometric photometric



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HUMAN BODY FLUIDS (cont'd): Serum/ Plasma unless otherwise specified	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd).</u>	Documented procedures & manufacturer's instructions for Roche Cobas 8000 analyser with specific reference to: TP BS 300 004
CSF	Lactate LDH LDL Cholesterol Lithium Magnesium	photometric photometric Calculation: Freidwald Formula photometric
Urine	Microalbumin Paracetamol Phenytoin Potassium Salicylate	photometric photometric photometric Ion Selective Electrode photometric
Urine	Sodium Theophylline Total Iron Binding Capacity (TIBC) Total Bicarbonate	Ion Selective Electrode photometric Calculation – FE + UIBC photometric
CSF Urine	Total Protein Uric Acid Valproic Acid Vancomycin	photometric photometric photometric photometric
Serum unless otherwise stated		Documented procedures & manufacturer's instructions for Roche Cobas e602 analyser with TP BS 300 004
	Cortisol beta HCG	electrochemiluminescence electrochemiluminescence
	Free T4	electrochemiluminescence
	NT pro BNP	electrochemiluminescence
	Progesterone	electrochemiluminescence
	parathyroid Hormone (PTH)	electrochemiluminescence
	Troponin T (high sensitivity)	electrochemiluminescence



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<p>HUMAN BODY FLUIDS (cont'd):</p> <p>Whole Blood (EDTA) unless otherwise stated</p> <p>Whole blood EDTA</p>	<p><u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u></p> <p><u>Haematology investigation activities for the purpose of clinical diagnosis</u></p> <p>Full Blood Count using the following parameters: WBC, RBC, HGB, HCT, MCV, MCH, MCHC, PLT, HCT, MPV, NEUT, LYMPH, MONO, EOS, BASO, NRBC</p> <p>Microscopic examination for evidence of haematological disease.</p> <p>Blood films</p> <p>Microscopic examination of thick and thin blood films for detection of malariaparasites</p>	<p>Documented procedures & manufacturer's instructions for Sysmex XN 2000 analyser with specific reference to: TP BS 300 016</p> <p>Documented procedures & manufacturer's instructions for Elitech Aerospray stainer with specific reference to: TP BS 300 001 – Blood Films and Staining Procedures TP BS 300 021 - FBC, Blood Film , Malaria Reporting Procedures</p> <p>Giemsa staining Leishman Staining using SOP TP BS 300 030 – Malaria Parasite Detection</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology investigation activities for the purpose of clinical diagnosis (cont'd)</u>	
Whole Blood (EDTA) unless otherwise stated	Erythrocyte Sedimentation Rate (ESR)	Documented procedures & manufacturer's instructions for Vitech StaRRsed Auto Compact ESR analyser (Westergren method) with specific reference to: TP BS 300 050 – Procedure for the Use of the StaRRsed Auto Compact ESR Analyser
Whole Blood (EDTA)	Detection of P falciparum HRP2 and pan specific plasmodium LDH	Documented procedures & manufacturer's instructions for CareUS malaria test with specific reference to: TP BS 300 030 – Malaria Parasite Detection
Plasma	Detection of igm heterophile antibodies	Documented procedures & manufacturer's instructions for Clearview IM II Immunochromatographic method with specific reference to: TP BS 300 053 – Glandular Fever Screen
Whole Blood (EDTA) unless otherwise stated	Sickle solubility test	Documented procedures & manufacturer's instructions for Helena Sickle Solubility test kit Immunochromatographic method with specific reference to: TP BS 300 035 – Sickle Solubility Test



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Plasma (citrated)</p>	<p><u>Haematology investigation activities for the purpose of clinical diagnosis (cont'd)</u></p> <p>Coagulation</p> <p>Prothrombin Time (PT) INR Activated partial thromboplastin time (APPT) Fibrinogen Partial Thromboplastin Time (PTT)</p> <p>D-Dimer</p>	<p>Documented procedures & manufacturer's instructions for Sysmex CS-2100i using scattered light detection method with specific reference to: TP BS 300 012 – Procedure for the use of CS-2100i Analyser</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Transfusion investigation activities for the purpose of clinical diagnosis:</u>	Documented procedures & manufacturer's instructions for IBG Immucor ECHO Lumena analyser, NHSBT Reagents and Lorne Reagents. Solid and liquid phase and haemagglutination assays and manual analyses with specific reference to: TP BT 400 001 – Procedure for the use of the Echo Lumena
Whole Blood (EDTA) unless otherwise stated	<p>Group and antibody screen</p> <ul style="list-style-type: none"> - Automated Blood Groups - ABO and RhD systems: - RhD positive - A RhD positive - B RhD positive - AB RhD positive - RhD negative - A RhD negative - B RhD negative <p>AB RhD negative</p> <p>Antibody identification (C, c, D, E, e, K, k, Fya, Fyb, Jka, Jkb, S, s, M, N, P1, Lea, Leb, Lu(a), Kp(a))</p> <p>Red cell phenotyping</p> <ul style="list-style-type: none"> - Blood Groups (phenotyping) <p>(C, c, E, e, K, k, Fya, Fyb, Jka, Jkb, S, s, M, N, P1, Lea, Leb, Lu(a), , Kp(a))</p> <p>Cross match-manual</p> <p>Direct antiglobulin test (DAT) (C3d, IgG)</p>	<p>TP BT 400 001 – Procedure for the use of the Echo Lumena (Automated)</p> <p>TP BT 400 011 – Blood Grouping (Automated)</p> <p>TP BT 400 002 – Blood Grouping (Manual) using NHSBT reagents</p> <p>TP BT 400 004 – Antibody Investigations (Manual tube method using NHSBT 3-cell screen and Lorne reagent)</p> <p>TP BT 400 004 – Antibody Investigations (Manual tube method using Lorne reagents)</p> <p>TP BT 400 001 – Procedure for the use of the Echo Lumena (Automated)</p> <p>TP BT 400 014 – Red Blood Cell Phenotyping by manual tube method using Lorne and NBS reagents</p> <p>TP BT 400 025 – Cross Matching Serology and TI BT 400 293 – Cross Matching and Red Cell Antibodies</p> <p>TP BT 400 001 – Procedure for the use of the Echo Lumena (Automated)</p> <p>TP BT 400 012 – Direct Antiglobulin Test (Automated)</p> <p>TP BT 400 003 – Direct Antiglobulin Test (Manual)</p>



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HUMAN BODY FLUIDS (cont'd) Whole Blood (EDTA) unless otherwise stated	<u>Transfusion investigation activities for the purpose of clinical diagnosis: (cont'd)</u> Determination of fetomaternal haemorrhage (Kleihauer)	Clin-Tech Kit manual haemagglutination assay TP BT 400 028 – Kleihauer Test
END		