


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|--|--|--|
|  Accredited to ISO 15189:2022 | HSL Analytics LLP Issue No: 012 Issue date: 09 August 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 |
|--|--|---|
| <p>HUMAN BODY FLUIDS:</p> <p>Serum/ Plasma unless otherwise specified</p> | <p><u>Biochemistry examination activities for the purpose of clinical diagnosis:</u></p> | <p>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</p> |
| | <p>Albumin Alcohol ALP ALT Ammonia AST</p> | <p>photometric photometric photometric photometric photometric photometric</p> |
| | <p>Bile acids Bilirubin</p> | <p>Photometric (Dialab 903120) photometric</p> |
| | <p>Calcium Carbamazepine Chloride Cholesterol CK Conjugated Bilirubin Creatinine CRP Digoxin estimated glomerular filtration rate (eGFR)</p> | <p>photometric photometric Ion Selective Electrode photometric photometric photometric photometric photometric photometric calculation</p> |
| | <p>gamma GT Gentamicin Glucose HDL Cholesterol</p> | <p>photometric photometric photometric photometric</p> |
| CSF | <p>Ionised Calcium Iron</p> | <p>photometric photometric</p> |



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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 | photometric |
| | LDH | photometric |
| | LDL Cholesterol | Calculation: Freidwald Formula |
| | Lithium | photometric |
| | Magnesium | photometric |
| Urine | Microalbumin | photometric |
| | Paracetamol | photometric |
| | Phenytoin | photometric |
| | Potassium | Ion Selective Electrode |
| Urine | Salicylate | photometric |
| | Sodium | Ion Selective Electrode |
| | Theophylline | photometric |
| | Total Iron Binding Capacity (TIBC) | Calculation – FE + UIBC |
| CSF | Total Bicarbonate | photometric |
| Urine | Total Protein | photometric |
| | Uric Acid | photometric |
| | Valproic Acid | photometric |
| | Vancomycin | photometric |
| Serum unless otherwise stated | | Documented procedures & manufacturer's instructions for Roche Cobas e602 analyser with TP BS 300 004 |
| | Cortisol | electrochemiluminescence |
| | beta HCG | electrochemiluminescence |
| | Free T4 | electrochemiluminescence |
| | NT pro BNP | electrochemiluminescence |
| | Progesterone | electrochemiluminescence |
| | parathyroid Hormone (PTH) | electrochemiluminescence |
| | Troponin T (high sensitivity) | electrochemiluminescence |



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



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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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| HUMAN BODY FLUIDS (cont'd) Plasma (citratd) | <u>Haematology investigation activities for the purpose of clinical diagnosis (cont'd)</u> Coagulation Prothrombin Time (PT) INR Activated partial thromboplastin time (APPT) Fibrinogen Partial Thromboplastin Time (PTT) D-Dimer | 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 |
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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</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 | | |