Schedule of Accreditation issued by United Kingdom Accreditation Service

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

| | The Doctors Laboratory LimitedIssue No: 004Issue date: 09 May 2025The Doctors LaboratoryContact: Sally CurtisCleveland Clinic LondonTel: +44 (0) 207 307 734233 Grosvenor PlaceE-Mail: sally.curtis@tdlpathology.comLondonWebsite: www.tdlpathology.comSW1X 7HYFHY | | |
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| UKAS MEDICAL 21031 | | | |
| Accredited to ISO 15189: 2022 | | | |
| Те | Testing performed by the Organisation at the locations specified below | | |

Locations covered by the organisation and their relevant activities

Laboratory locations:

| Location details | | Activity |
|--|--------------|---|
| Blood Fridge Third Floor – Intensive Care Unit Cleveland Clinic London 33 Grosvenor Place London SW1X 7HY | Sally Curtis | Blood issue fridge for storage of blood products only; no testing occurs at this site |
| Blood Fridge Lower Ground Floor – Theatres Cleveland Clinic London 33 Grosvenor Place London SW1X 7HY | Sally Curtis | Blood issue fridge for storage of blood products only; no testing occurs at this site |

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| Materials/Products tested | Type of test/Properties measured/Range of measurement | Standard specifications/ Equipment/Techniques used |
|--|--|---|
| | General Biochemistry | |
| HUMAN BODY FLUIDS | Biochemical examination activities for the purposes of clinical diagnosis. | In house documented procedures based on equipment manuals and standard methods as specified below: |
| Serum / Plasma (unless otherwise stated) | Quantification of: | By the following measurement principles using Roche Cobas c311 SOP BIO-PRI-6 |
| | Acute Kidney Injury (AKI) | by calculation |
| | Alanine Transferase | Tris Buffer with PLP |
| | Albumin | Bromocresol Green |
| | Alkaline Phosphatase (ALP) | AMP buffer(IFCC) |
| | Ammonia | Enzymatic with GLDH |
| | Amylase | G7 substrate |
| | Aspartate Transaminase (AST) | Tris Buffer without PLP |
| | Bicarbonate | PEP Carboxylase |
| | Bilirubin (total) | Colourimetry |
| | Bilirubin (Direct) | Colourimetry |
| | C-Reactive Protein (CRP) | Immunoturbidimetry |
| | Calcium (Adjusted) | by calculation |
| | Chloride | Ion selective electrode |
| | Cholesterol (Total) | Cholesterol Oxidase |
| | Creatine Phosphokinase | NAC |
| | Creatinine (Enzymatic) | Enzymatic |
| | Digoxin | KIMS Turbidimetry |
| | Estimated Glomerular Filtration rate (eGRF) | by calculation in middleware LIMS |

DETAIL OF ACCREDITATION

| | Schedule of Accreditation | |
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|--|--|---|--|
| | General Biochemistry (cont'd) | | |
| HUMAN BODY FLUIDS (cont'd) | Biochemical examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures based on equipment manuals and standard methods as specified below: | |
| Serum / Plasma (unless otherwise stated) (cont'd) | Quantification of: (cont'd) | By the following measurement principles using Roche Cobas c311 SOP BIO-PRI-6 | |
| | Gamma-glutamyl Transpeptidase (GGT) | Carboxynitroanilide | |
| | Gentamicin | by KIMS | |
| | Globulin | by calculation | |
| | Glucose | Hexokinase+ G6PD | |
| | CSF Glucose | by turbidimetric | |
| | HDL Cholesterol | PEG enzymes | |
| | LDL Cholesterol | by calculation | |
| | Non-HDL Cholesterol | by calculation | |
| | Total Cholesterol : HDL ratio | by calculation | |
| | High Sensitivity CRP | Immunoassay Turbidimetry | |
| | Lactate | Colorimetric Lactate Oxidase | |
| | Magnesium | Xylidyl Blue | |
| | Phosphate | Phosphomolybdate | |
| | Potassium | Ion selective electrode | |
| | Sodium | Ion selective electrode | |
| | Total Protein | Biuret | |
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|--|--|---|
| | General Biochemistry (cont'd) | |
| HUMAN BODY FLUIDS (cont'd) | Biochemical examination activities for the purposes of clinical diagnosis (cont'd) | In house documented procedures based on equipment manuals and standard methods as specified below: |
| Serum / Plasma (unless otherwise stated) (cont'd) | Quantification of: (cont'd) | By the following measurement principles using Roche Cobas c311 SOP BIO-PRI-6 |
| | CSF Protein | by turbidimetric |
| | Triglycerides | Total Glycerol GPD |
| | Urea | Kinetic Urease |
| | Uric Acid | Endpoint Uricase |
| | Vancomycin Hydrochloride | G6PD enzyme immunoassay |
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| Serum / Plasma (unless otherwise stated) | <u>General Biochemistry</u> (cont'd) Beta-Human Chorionic gonadotrophin (HCG) (quantitative) | Immunoassay using Roche Cobas e411 SOP BIO-ALV-3 |
| | Troponin T (High Sensitivity) | |
| Serum, plasma and urine | Osmolality | Freezing point depression using OSMO 1 SO PBIO-60RR-2 |
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| | Haematology | | |
| HUMAN BODY FLUIDS (cont'd) | Haematology examination activities for the purposes of clinical diagnosis: | In house documented procedures based on equipment manuals and standard methods as specified below: | |
| EDTA Blood | Full Blood Count: | By the following measurement principles using Sysmex XN2000 SOP HAE-CMW-17 | |
| | White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils | Laser Flow cytometry | |
| | Red blood cells, platelets | Hydrodynamic focusing | |
| | Haemoglobin | SLS Method | |
| | Haematocrit (HCT), Mean Cell Volume (MCV), Mean Cell Haemoglobin (MCH), Mean Cell Haemoglobin Concentration (MCHC), Red Cell Distribution (RDW), Nucleated Red Blood cells (NRBC), Immature Platelet Fraction | by calculation | |
| | Reticulocytes | by flow cytometry | |
| EDTA Blood | Blood film assessment & cell differential | Romanowsky method and manual staining SOP HAE-PRI-1 | |
| EDTA Blood | Erythrocyte sedimentation rate | Westergren method using Sysmex Starrsed SOP HAE-CMW-19 | |
| EDTA Blood | Detection of Infectious Mononucleosis antibodies | Solid phase immunoassay using Accusay Antibody Test SOP HAE-PRi-2 | |
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| | <u>Coagulation</u> | | | | |
| HUMAN BODY FLUIDS (cont'd) | Coagulation examination activities for the purposes of clinical diagnosis: | Light absorption using Sysmex CA660 SOP HAE-RGH-4 | | | |
| Citrated blood | Activated partial thromboplastin time (APTT) | | | | |
| | Fibrinogen | | | | |
| | Prothrombin Time | | | | |
| | International Normalised Ratio | | | | |
| | D-Dimer | | | | |
| | APTT ratio | By calculation | | | |
| | Blood Transfusion | | | | |
| HUMAN BODY FLUIDS | General examination activities for the purposes of clinical diagnosis: | In house documented procedures in conjunction with equipment manuals and standard methods as specified below: | | | |
| 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 | Using Grifols Wadiana analyser, Gel- based microtyping system, screening & panel cells (automated) BTF-EAL3-10 Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25 | | | |
| EDTA Blood | Antibody detection and identification | | | | |
| | Rh: D,C,E,c,e,Cw Kell: K,k,Kpa,Kpb Duffy: Fya,Fyb Kidd: Jka,Jkb Lewis: Lea,Leb P: P1 | Using Grifols Wadiana analyser, Gel- based microtyping system, screening & panel cells (automated) BTF-EAL3-10 Using Grifols Gel-based microtyping | | | |
| | MNS: M,N,S,s Lutheran: Lua,Lub | system and reagents (manual) | | | |

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| | Blood Transfusion (cont'd) | | | |
| HUMAN BODY FLUIDS (cont'd) | General examination activities for the purposes of clinical diagnosis: (cont'd) | In house documented procedures in conjunction with equipment manuals and standard methods as specified below: | | |
| EDTA Blood | Compatibility testing of patient's plasma with donor cells | Using Grifols Gel-based microtyping system, Indirect Antiglobulin test (manual) and electronic issue BTF-EAL3-58 | | |
| EDTA Blood | Direct antiglobulin test | Using Grifols Eflexis analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-24 | | |
| EDTA Blood | Antigen phenotyping : Rh: C, E, c, e, Cw Kell: K | Using Grifols Wadiana analyser, Gel- based microtyping system, screening & panel cells (automated) BTF-EAL3-26 | | |
| | | Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25 | | |
| | Molecular Biology | | | |
| HUMAN BODY FLUIDS | Molecular examination activities for the purposes of clinical diagnosis. | In house documented procedures based on equipment manuals and standard methods by polymerase chain reaction as specified below: | | |
| | Detection of: | | | |
| Swabs from nose, throat | SARS CoV-2 virus RNA (COVID-19) specific gene sequences: E, N2 using Expert Express SARS-CoV-2 by PCR | Cepheid GeneXpert SOP MIC-GRSV-1 | | |
| Swabs from nose | MRSA using Cepheid Xpert MRSA Assay by PCR | | | |
| END | | | | |