


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> MEDICAL <b>9974</b>  Accredited to ISO 15189:2012	<b>The Doctors Laboratory Ltd</b>  Issue No: 002 Issue date: 15 October 2020	
	<b>Pathology Laboratory</b> Rivers Hospital High Wych Road Sawbridgeworth CM21 0HH United Kingdom	<b>Contact: Sally Curtis</b> Tel: +44 (0)20 7307 7342 E-Mail: <a href="mailto:sally.curtis@tdlpathology.com">sally.curtis@tdlpathology.com</a> Website: <a href="http://www.tdlpathology.com">www.tdlpathology.com</a>
Testing performed at the above address only		

### Site activities performed away from the locations listed above:

Location details		Activity
Theatre Suite Springfield Hospital Lawn Lane Chelmsford CM1 7GU	Sally Curtis	Blood issue fridge for storage of blood products only; no testing occurs at this site
Theatre Suite Rivers Hospital High Wych Road Sawbridgeworth CM21 0HH	Sally Curtis	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
HUMAN BODY FLUIDS  Serum / Plasma (unless otherwise stated)	<u>General Biochemistry</u>  Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of:  Albumin Alkaline Phosphatase (ALP) Alanine Transaminase (ALT) Amylase Aspartate Transaminase (AST) Bilirubin (total) Calcium Calcium (corrected) Chloride Cholesterol (total) Cholesterol (HDL) Cholesterol (non HDL & LDL) Creatinine eGFR Creatinine Kinase C-Reactive Protein Gamma Glutamyl Transferase Glucose	In house documented procedures based on equipment manuals and standard methods as specified:  SOP TDL-B-EQPT-015 using Rocha Cobas c311 by the following measurement principles and reagents:  Bromocresol green AMP buffer Tris buffer with PLP G7 substrate Tris buffer without PLP Diazo NM-BAPTA Calculation Ion sensitive electrode Cholesterol oxidase PEG enzymes Calculated Compensated kinetic jaffe Calculated NAC Immunoturbidimetry Carboxynitroanilide Hexokinase + G6PD



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<p>HUMAN BODY FLUIDS</p> <p>Serum / Plasma (unless otherwise stated)</p> <p>Serum / Plasma (unless otherwise stated)</p>	<p><u>General Biochemistry</u></p> <p>Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd)</p> <p>Globulins</p> <p>Lactate dehydrogenase</p> <p>Magnesium</p> <p>Phosphate</p> <p>Potassium</p> <p>Protein (Total)</p> <p>Sodium</p> <p>Triglyceride</p> <p>Uric Acid</p> <p>Urea</p> <p>Human Chorionic Gonadotrophin</p> <p>Free thyroxine 3</p> <p>Free thyroxine 4</p> <p>Oestradiol</p> <p>Troponin T (high sensitivity)</p> <p>Thyroid stimulating hormone</p> <p>Troponin T (high sensitivity)</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>SOP TDL-B-EQPT-015 using Rocha Cobas c311 by the following measurement principles and reagents:</p> <p>Calculated</p> <p>L to P glucamine</p> <p>Xylidyl blue</p> <p>Phosphomolybdate</p> <p>Ion sensitive electrode</p> <p>Biuret</p> <p>Ion sensitive electrode</p> <p>Total glycerol GPO</p> <p>Endpoint uricase</p> <p>Kinetic urease</p> <p>SOP TDL-B-EQPT-013 using Rocha Cobas e411 immunoassay by chemiluminescence</p>



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HUMAN BODY FLUIDS	<u>Haematology</u>	In house documented procedures based on equipment manuals and standard methods as specified:
EDTA Blood	Haematological examination activities for the purposes of clinical diagnosis.  Full blood count:  White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils  Red blood cells, platelets  Haemoglobin  HCT, MCV, MCH, MCHC, RDW, MPV	SOP TDL-H-EQPT-001 using Sysmex XS1000i by the following methods:  Flow cytometry  Hydro-dynamic focusing  SLS method  By calculation
Citrated Blood	<u>Coagulation</u>  Prothrombin time  Activated partial thromboplastin time (APTT)  Fibrinogen	SOPs TDL-EQPT-009 using Sysmex CA540 by optical clot detection
EDTA Blood	Erythrocyte sedimentation rate	SOP TDL-H-010 using Westergren method
EDTA Blood	Blood film assessment & cell differential	SOPs TDL-H-004 & TDL-EQPT-020 by Quikslide stain using Giemsa and Wright stains and microscopy
EDTA Blood	Detection of abnormal Sickle Cell Haemoglobin	SOP TDL-H-009 using Helena Solubility Screening kit



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HUMAN BODY FLUIDS	<p><u>Blood Transfusion</u></p> <p>General examination activities for the purposes of clinical diagnosis:</p>	In house documented procedures in conjunction with equipment manuals and standard methods as specified below:
EDTA Blood	<p>Blood group:</p> <p>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</p> <p>Antibody detection and identification</p> <p>Rh: D,C,E,c,e,Cw Kell: K,k,Kpa,Kpb Duffy: Fya,Fyb Kidd: Jka,Jkb Lewis: Lea,Leb P: P1 MNS: M,N,S,s Lutheran: Lua,Lub</p>	<p>Using Grifols Wadiana analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-10</p> <p>Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25</p>
EDTA Blood	<p>Compatibility testing of patient's plasma with donor cells</p>	<p>Using Grifols Gel-based microtyping system and Indirect Antiglobulin test (manual) and electronic issue BTF-EAL3-58</p>
EDTA Blood	<p>Direct antiglobulin test</p>	<p>Using Grifols Wadiana analyser, Gel-based microtyping system, screening &amp; panel cells (automated) BTF-EAL3-24</p> <p>Using Grifols Gel-based microtyping system (manual) BTF-EAL3-24</p>



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HUMAN BODY FLUIDS  EDTA Blood	<u>Blood Transfusion</u>  General examination activities for the purposes of clinical diagnosis:  Antigen phenotyping  Rh: C, E, c, e Kell: K	In house documented procedures in conjunction with equipment manuals and standard methods as specified below:  Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-26  Using Grifols Gel-based microtyping system (manual) BTF-EAL3-26
END		