


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9317 Accredited to ISO 15189:2012	The Doctors Laboratory Ltd	
	Issue No: 006 Issue date: 20 January 2022	
	Pathology Department BMI The Priory Hospital Priory Road Edgbaston Birmingham West Midlands B5 7UG	Contact: Sally Curtis Tel: +44 (0) 20 7307 7342 E-Mail: sally.curtis@tdlpathology.com Website: www.tdlpathology.com
Testing performed at the above address only		

Site activities performed away from the locations listed above:

Location details		Activity
BMI Edgbaston 22 Somerset Road Edgbaston Birmingham West Midlands B15 2QQ	Sally Curtis	Blood issue fridge for storage of blood products only; no testing occurs at this site
Rowley Hall Hospital Rowley Park Stafford Staffordshire ST17 9AQ	Sally Curtis	Blood issue fridge for storage of blood products only; no testing occurs at this site
West. Midlands Hospital Colman Hill Halesowen West Midlands B63 2AH	Sally Curtis	Blood issue fridge for storage of blood products only; no testing occurs at this site
BMI Droitwich Spa St Andrews Road Droitwich Spa Worcestershire WR9 8DN	Sally Curtis	Blood issue fridge for storage of blood products only; no testing occurs at this site
Stourside Hospital 60 Bradley Road Stourbridge DY18 1UX	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 Chloride Cholesterol Creatinine (Jaffe method) Creatinine Kinase C-Reactive protein (CRP) Gamma-glutamyl Transpeptidase (GGT) Gentamicin Glucose HDL Cholesterol AKI	In house documented procedures based on equipment manuals and standard methods as specified below: SOP TDL-B-EQPT-015 using Roche Cobas c311 by the following measurement principles: Bromocresol Green AMP Buffer (IFCC) Tris Buffer with PLP G7 substrate Tris Buffer without PLP Diaz NM-BAPTA Ion sensitive electrode Cholesterol Oxidase Compensated Kinetic Jaffe NAC Immunoturbidimetry Carboxynitroanilide B-Galactosidase Hexokinase + G6PD PEG enzymes by calculation



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum / Plasma (unless otherwise stated) (cont'd)</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>Iron</p> <p>Lactate dehydrogenase (LDH)</p> <p>Magnesium</p> <p>Phosphate</p> <p>Potassium</p> <p>Sodium</p> <p>Total protein</p> <p>Triglycerides</p> <p>Uric Acid</p> <p>Urea</p> <p>Vancomycin</p> <p>Albumin</p> <p>Calcium</p> <p>Chloride</p> <p>Creatinine (Jaffe method)</p> <p>Glucose</p> <p>Potassium</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>SOPs TDL-B-EQPT-015 using Roche Cobas c311 by the following measurement principles:</p> <p>Ferrozine</p> <p>L to P glucamine</p> <p>Xylidil Blue</p> <p>Phosphomolybdate</p> <p>Ion sensitive electrode</p> <p>Ion sensitive electrode</p> <p>Biuret</p> <p>Total Glycerol GPD</p> <p>Endpoint Uricase</p> <p>Kinetic Urase</p> <p>G6PD enzyme imuno assay</p> <p>SOP TDL-B-EQPT-001 using Rocha Cobas c111 by the following measurement principles:</p> <p>Bromocresol Green</p> <p>BM-BAPTA</p> <p>Ion sensitive electrode</p> <p>by photometry</p> <p>Hexokinase + G6PD</p> <p>Ion sensitive electrode</p>



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HUMAN BODY FLUIDS (cont'd)	<u>General Biochemistry</u>	
Serum / Plasma (unless otherwise stated) (cont'd)	Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:
	Sodium	SOP TDL-B-EQPT-001 using Roche Cobas c111 by the following measurement principles: Ion sensitive electrode
	Urea	Kinetic Urease
Serum / Plasma (unless otherwise stated)	Beta-human chorionic gonadotrophin (HCG)	SOP TDL-B-EQPT-013 using Roche Cobas e411 immunoassay by electrochemiluminescence.
	Carcinoembryonic antigen	
	Free thyroxine	
	Oestradiol	
	Prostate specific antigen (total)	
	Troponin T (high sensitivity)	
	Thyroid stimulating hormone	
	Parathyroid Hormone	
	<u>Calculated values</u>	
	eGFR	By calculation
	LDL Cholesterol	By calculation
	<u>Globulins</u>	By calculation
	<u>Adjusted Calcium</u>	By calculation
	<u>Non-HDL Cholesterol</u>	By calculation
	<u>Total Cholesterol / HDL ratio</u>	By calculation



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology</u>	
	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: Haemoglobin (HBG) White cell count (WBC) Red cell count (RBC) Haematocrit (HCT) Mean Cell Volume (MCV) Mean Cell Haemoglobin (MCH) Mean Cell Haemoglobin Concentration (MCHC) Platelets (PLT) Red Cell Distribution (RDW) Neutrophils (NEUT) Lymphocytes (LYMP) Monocytes (MONO) Eosinophils (EO) Basophils (BASO)	SOP TDL-EQPT-001 using Sysmex XS1000i by light scatter and absorption
EDTA Blood	Blood film assessment & cell differential	SOP TDL-H-EQPT-020 using Wrights stain using Quick Slide staining machine & microscopy
EDTA Blood	Erythrocyte sedimentation rate (manual)	SOP TDL-H-010 by manual method using Westergen
EDTA Blood	Detection of Infectious Mononucleosis antibodies	SOP-TDL-H-008 using Accusay Mono
EDTA Blood	Detection of abnormal Sickle Cell Haemoglobin	SOP-TDL-H-009 using Helena HbS Solubility Screening kit



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Citrated Blood</p>	<p><u>Coagulation</u></p> <p>Coagulation examination activities for the purposes of clinical diagnosis:</p> <p>Prothrombin time</p> <p>International Normalised Ratio</p> <p>Activated partial thromboplastin time (APTT)</p> <p>APTT ratio</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>SOPs TDL-H-007, TDL-EQPT-H-009 using Sysmex CA560 by photo optical clot detection</p> <p>By calculation</p>
<p>HUMAN BODY FLUIDS</p> <p>EDTA Blood</p>	<p><u>Blood Transfusion</u></p> <p>General examination activities for the purposes of clinical diagnosis:</p> <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>In house documented procedures in conjunction with equipment manuals and standard methods as specified below:</p> <p>Using Grifols Eflexis analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-1</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>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>EDTA Blood</p> <p>EDTA Blood (cont'd)</p>	<p><u>Blood Transfusion</u></p> <p>General examination activities for the purposes of clinical diagnosis: (cont'd)</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>Compatibility testing of patient's plasma with donor cells</p> <p>Direct antiglobulin test</p>	<p>In house documented procedures in conjunction with equipment manuals and standard methods as specified below:</p> <p>Using Grifols Eflexis analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-1</p> <p>Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-10</p> <p>Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25</p> <p>Using Grifols Gel-based microtyping system and Indirect Antiglobulin test (manual) and electronic issue BTF-EAL3-58</p> <p>Using Grifols Eflexis analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-24</p> <p>Using Grifols Wadiana analyser, Gel-based microtyping system, screening & 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 (cont'd)	<p><u>Blood Transfusion</u></p> <p>General examination activities for the purposes of clinical diagnosis: (cont'd)</p> <p>Antibody phenotyping :</p> <p>Rh: C, E, c, e, Cw Kell: K</p>	<p>In house documented procedures in conjunction with equipment manuals and standard methods as specified below:</p> <p>Using Grifols Eflexis analyser and Gel-based microtyping system and reagents (automated) BTF-EAL3-26</p> <p>Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-26</p> <p>Using Grifols Gel-based microtyping system (manual) BTF-EAL3-26</p>
END		