


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>9884</p> <p>Accredited to ISO 15189:2012</p>	<p>The Doctors Laboratory Ltd</p> <p>Issue No: 002 Issue date: 04 August 2020</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>General Biochemistry</u>	In house documented procedures based on equipment manuals and standard methods as specified:
Serum	Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of:	SOP TDL-B-EQPT-015 using Rocha Cobas c311 by the following measurement principles:
	Albumin	Bromocresol green
	Alkaline Phosphatase (ALP)	AMP buffer
	Alanine Transaminase (ALT)	Tris buffer with PLP
	Amylase	G7 substrate
	Bicarbonate	PEP Carboxylase
	Bilirubin	Diazo
	Calcium	NM-BAPTA
	Chloride	Indirect Ion sensitive electrode
	Cholesterol (total)	Cholesterol oxidase
	Cholesterol (HDL)	PEG enzymes
	Creatinine	Compensated kinetic jaffe
	Creatinine kinase	NAC (IFCC)
	C-reactive protein	Immunoturbidimetry
	Gamma Glutamyl Transferase	Carboxynitroanilide (IFCC)



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HUMAN BODY FLUIDS Serum	<u>General Biochemistry</u> 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:
	Glucose	SOP TDL-B-EQPT-015 using Rocha Cobas c311 by the following measurement principles: Hexokinase + G6PD
	Iron	Ferrozine
	Lactate dehydrogenase	L to P glucamine (IFCC)
	Magnesium	Xylidyl blue (M and Y)
	Phosphate	Phosphomolybdate UV
	Potassium	Indirect Ion sensitive electrode
	Protein (total)	Biuret
	Sodium	Ion sensitive electrode
	Triglyceride	Total glycerol GPO
	Uric acid	Endpoint uricase
	Urea	Kinetic urease
	Adjusted Calcium	By calculation
	Estimated Glomerular Filtration Rate	By calculation
	Globulins	By calculation
LDL cholesterol	By calculation	
HDL cholesterol (%)	By calculation	



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<p>HUMAN BODY FLUIDS</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>Human Chorionic Gonadotrophin (Beta HCG)</p> <p>Free thyroxine 3</p> <p>Free thyroxine 4</p> <p>Prostate specific antigen (total)</p> <p>Prostate specific antigen (free)</p> <p>Thyroid stimulating hormone</p> <p>Troponin T (high sensitivity)</p> <p>PSA free : total index</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>SOP TDL-B-EQPT-013 using Rocha Cobas e411 immunoassay by chemiluminescence</p> <p>By calculation</p>



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HUMAN BODY FLUIDS	<u>Haematology</u> Haematological examination activities for the purposes of clinical diagnosis.	In house documented procedures based on equipment manuals and standard methods as specified:
EDTA Blood	Full blood count: White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils Red blood cells, platelets Haemoglobin HCT, MCV, MCH, MCHC, RDW, MPV	SOP HAE-008 using Sysmex XN-550 by the following methods: Flow cytometry Sheath flow detection SLS method By calculation
Citrated / EDTA blood	Erythrocyte Sedimentation rate	SOPs CH-H-5-24 using Starrsed Inversa
Citrated Blood	<u>Coagulation</u> Prothrombin time Activated partial thromboplastin time (APTT) Fibrinogen D-Dimer	SOP TDL-H-032 using Sysmex CA660 by optical clot detection



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HUMAN BODY FLUIDS	<u>Blood Transfusion</u> General examination activities for the purposes of clinical diagnosis:	In house documented procedures in conjunction with equipment manuals and standard methods:
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 and Gel-based microtyping system and reagents (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 MNS: M,N,S,s Lutheran: Lua,Lub	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	Compatibility testing of patient's plasma with donor cells Direct antiglobulin test	Using Grifols Gel-based microtyping system and Indirect Antiglobulin test (manual) and electronic issue BTF-EAL3-58 Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-24 Using Grifols Gel-based microtyping system (manual) BTF-EAL3-24



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HUMAN BODY FLUIDS (cont'd) EDTA Blood	<u>Blood Transfusion</u> General examination activities for the purposes of clinical diagnosis: Antigen phenotyping: Rh: C, E, c, e, C ^w Kell: K	In house documented procedures in conjunction with equipment manuals and standard methods: 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		