Schedule of Accreditation

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The Doctors Laboratory Ltd

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	General Biochemistry	In house documented procedures based on equipment manuals and standard methods as specified:
HUMAN BODY FLUIDS	Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of:	Using Rocha Cobas c311 by the following measurement principles: SOP BIO-PRI-6
Serum (unless stated otherwise)	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
Serum / plasma	Creatinine (Enzymatic)	Enzymatic Method
	Creatinine kinase	NAC (IFCC)
	C-reactive protein	Immunoturbidimetry
	Gamma Glutamyl Transferase	Carboxynitroanilide (IFCC)
	Glucose	Hexokinase + G6PD

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	General Biochemistry (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd)	Using Rocha Cobas c311 by the following measurement principles: SOP BIO-PRI-6
Serum	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

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	General Biochemistry (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
HUMAN BODY FLUIDS (cont'd)	Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd)	Using Rocha Cobas e411 immunoassay by chemiluminescence SOP BIO-ALV-3
Serum / Plasma (unless otherwise stated)	Human Chorionic Gonadotrophin (Beta HCG)	
	Free thyroxine 3	
	Free thyroxine 4	
	Prostate specific antigen (total)	
	Prostate specific antigen (free)	
	Thyroid stimulating hormone	
	Troponin T (high sensitivity)	
	PSA free : total index	By calculation
	eGFR	By calculation in middleware LIMS
	Microbiology	
HUMAN BODY FLUIDS	Microbiology examination activities for the purposes of clinical diagnosis.	In house documented procedures based on equipment manuals and standard methods as specified:
Nasal and groin swabs	Qualitative detection of MRSA (MecA gene)	Cepheid GeneXpert using MRSA MecA cassette by PCR SOP MIC-GRSV-1

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Haematology	
HUMAN BODY FLUIDS (cont'd)	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:	Using Sysmex XN-550 by the following methods: SOP HAE-HJE-1
	White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils	Flow cytometry
	Red blood cells, platelets	Sheath flow detection
	Haemoglobin	SLS method
	HCT, MCV, MCH, MCHC, RDW, MPV	By calculation
Citrated / EDTA blood	Erythrocyte Sedimentation rate	Using Starrsed Inversa SOP HAE-HJE-4
	Coagulation	
Citrated Blood	Prothrombin time	By optical clot detection using Sysmex CA660 SOP HAE-RGH-4
	Activated partial thromboplastin time (APTT)	
	Fibrinogen	
	D-Dimer	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Blood Transfusion	
HUMAN BODY FLUIDS (cont'd)	<u>General examination activities for the purposes of clinical diagnosis:</u>	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	Using Grifols Gel-based microtyping system and Indirect Antiglobulin test (manual) and electronic issue BTF-EAL3-58
	Direct antiglobulin test	Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-24

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Blood Transfusion (cont'd)	
HUMAN BODY FLUIDS (cont'd)	<u>General examination activities for the purposes of clinical diagnosis:</u> (cont'd)	In house documented procedures in conjunction with equipment manuals and standard methods:
EDTA Blood	Antigen phenotyping:	
	Rh: C, E, c, e, C^{W} Kell: K	Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-26
END		