Schedule of Accreditation

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Accredited to ISO 15189:2022

The Doctors Laboratory Ltd

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Pathology Laboratory
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Testing performed at the above address only

Site activities performed away from the locations listed above:

Location details	Activity
Theatre Blood Fridge Cromwell Hospital 1-3 Pennant Mews Kensington London W8 5JN	Blood issue fridge for storage of blood products only; no testing occurs at this site

DETAIL OF ACCREDITATION

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. Quantitation of:	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated)		Roche Cobas Pure c303 by the following measurement principles: SOP BIO-CMW-3
	Albumin	Bromocresol Green
	Alkaline Phosphatase (ALP)	AMP buffer (IFCC)
	Alanine Transaminase (ALT)	Tris Buffer with PLP
Plasma only	Ammonia	Enzymatic with GLDH
	Amylase	G7 substrate
	Aspartate Transaminase (AST)	Tris Buffer without PLP
	Bicarbonate	PEP Carboxylase
	Bilirubin (total)	Colourimetry
	Calcium	by photometry
	Chloride	ion sensitive electrode
	Cholesterol (Total)	Cholesterol Oxidase
	Cholesterol (HDL)	PEG enzymes
Serum and Plasma	Creatinine	Enzymatic
	Creatinine Phosphokinase	NAC
	C-Reactive protein (CRP)	by immunoturbidimetry

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	General Biochemistry (cont'd)	
HUMAN BODY FLUIDS (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:
Serum (unless otherwise stated) (cont'd)		Roche Cobas Pure c303 by the following measurement principles: SOP BIO-CMW-3
	Gamma-glutamyl Transpeptidase (GGT)	Carboxynitroanilide
Plasma only	Glucose	Hexokinase+ G6PD
	Iron	by photometry
	Lactate	Colorimetric Lactate Oxidase
	Lactate dehydrogenase (LDH)	by photometry
	Magnesium	Xylidyl Blue
	Phosphate	Phosphomolybdate
	Potassium	Ion sensitive electrode
	Sodium	Ion sensitive electrode
	Total Protein	Biuret
	Triglycerides	Total Glycerol GPD
	Uric Acid	Endpoint Uricase
	Urea	Kinetic Urease
	Unsaturated Iron Binding Capacity (UIBC)	by photometry
	Calcium (adjusted)	by calculation
	non-HDL cholesterol	by calculation

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	General Biochemistry (cont'd)	
HUMAN BODY FLUIDS (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:
Serum (unless otherwise stated) (cont'd)		Roche Cobas Pure c303 by the following measurement principles: SOP BIO-CMW-3
	Acute kidney alert	by calculation
	eGFR	by calculation
	LDL Cholesterol	by calculation
Serum		Roche Cobas Pure e402 immunoassay by electrochemiluminescence SOP BIO-CMW-3
	Ferritin	
	Free FT4 (Free thyroxine)	
	Free T3	
	Parathyroid Hormone (PTH)	
	Prostate specific antigen (Total)	
	Prostate specific antigen (Free)	
	High sensitivity Troponin T	
	Thyroid stimulating hormone (TSH)	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Molecular Biology	
HUMAN BODY FLUIDS / TISSUES	Molecular examination activities for the purposes of clinical diagnosis. Detection of:	In house documented procedures based on equipment manuals and standard methods by polymerase chain reaction as specified below:
Swabs from nose	MRSA	Cepheid GeneXpert by real-time PCR SOP MIC-CMW-1
	Haematology	
HUMAN BODY FLUIDS	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: Haemoglobin (HBG) White cell count (WBC) Red cell count (RBC) Haematocrit (HCT) Mean Cell Volume (MCV) Mean Cell Haemoglobin (MCH) MCH Concentration (MCHC) Platelets (PLT) Red Cell Distribution (RDW) Neutrophils (NEUT) Lymphocytes (LYMP) Monocytes (MONO) Eosinophils (EO) Basophils (BASO) Reticulocytes	Sysmex XN2000 by laser cytometry SOP HAE-CMW-17
EDTA Blood	Blood film assessment & cell differential	Hematek with Romanowsky stain & microscopy SOP HAE-CMW-22
EDTA Blood	Erythrocyte sedimentation rate	Starrsed Inversa by Westergren method SOP HAE-CMW-19
EDTA Blood	Detection of Infectious Mononucleosis heterophile antibodies	Accusay Mono by immunochromatography SOP HAE-CMW-6

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Haematology (cont'd)	
HUMAN BODY FLUIDS (cont'd)	Haematological examination activities for the purposes of clinical diagnosis. (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
	Coagulation	
Citrated Blood	Prothrombin time	Sysmex CA660 by photo optical clot detection SOP HAE-RGH-4
	Activated partial thromboplastin time (APTT)	
	International Normalised Ratio (INR)	By calculation
	D-Dimer	
	Fibrinogen	
	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 and Gel-based microtyping system and reagents (automated) BTF-EAL3-10 Using Grifols Gel-based microtyping system and reagents (manual) BTF-EAL3-25

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)	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	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	Using Grifols Wadiana analyser, Gel-based microtyping system, screening & panel cells (automated) BTF-EAL3-10
	P: P1 MNS: M,N,S,s Lutheran: Lua,Lub	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
	Antigen phenotyping Rh: C, E, c, e Kell: K	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		