Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

9974

Accredited to ISO 15189:2022

The Doctors Laboratory Ltd

Issue No: 013 **Issue date:** 11 June 2026

Pathology Laboratory
Rivers Hospital
High Wych Road
Sawbridgeworth
CM21 0HH
United Kingdom

Contact: Richard Scott
Tel: +44 (0)20 7307 7342
E-Mail: richard.scott@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
Theatre Suite Springfield Hospital Lawn Lane Chelmsford CM1 7GU	Richard Scott	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	Richard Scott	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
HUMAN BODY FLUIDS	<u>General Biochemistry</u>	
	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 / Plasma (unless otherwise stated)		Roche Cobas c311 by the following measurement principles and reagents: SOP BIO-PRI-6
	Albumin	Bromocresol green
	Alkaline Phosphatase (ALP)	AMP buffer
	Alanine Transaminase (ALT)	Tris buffer with PLP
	Amylase	G7 substrate
	Aspartate Transaminase (AST)	Tris buffer without PLP
	Bilirubin (total)	Diazo
	Calcium	NM-BAPTA
	Calcium (corrected)	Calculation
	Chloride	Ion sensitive electrode
	Cholesterol (total)	Cholesterol oxidase
	Cholesterol (HDL)	PEG enzymes
	Cholesterol (non HDL & LDL)	Calculated
Serum / plasma	Creatinine (Enzymatic)	Enzymatic
	eGFR	Calculated
	Creatinine Kinase	NAC
	C-Reactive Protein	Immunoturbidimetry
	Gamma Glutamyl Transferase	Carboxynitroanilide
	Glucose	Hexokinase + G6PD

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	General Biochemistry (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 / Plasma (unless otherwise stated) (cont'd)		Roche Cobas c311 by the following measurement principles and reagents: SOP BIO-PRI-6
	Globulins	Calculated
	Lactate dehydrogenase	L to P glucamine
	Magnesium	Xylidyl blue
	Phosphate	Phosphomolybdate
	Potassium	Ion sensitive electrode
	Protein (Total)	Biuret
	Sodium	Ion sensitive electrode
	Triglyceride	Total glycerol GPO
	Uric Acid	Endpoint uricase
	Urea	Kinetic urease
Serum/Plasma in SST or Fluroide oxalate		Roche Cobas c303 by the following measurement principles and reagents: SOP BIO-CMW-3 Roche Cobas Pure Routine Operation SOP
	Albumin	Bromocresol green/photometry
	Alkaline Phosphatase (ALP)	AMP buffer/photometry
	Alanine Transaminase (ALT)	Tris buffer with PLP/photometry
	Amylase	G7 substrate/photometry
	Aspartate Transaminase (AST)	Tris buffer without PLP/photometry

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	General Biochemistry (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/Plasma in SST or Fluroide oxalate (cont'd)		Roche Cobas c303 by the following measurement principles and reagents: SOP BIO-CMW-3 Roche Cobas Pure Routine Operation SOP
	Bilirubin (total)	Diazo/photometry
	Calcium	NM-BAPTA/photometry
	Chloride	Ion sensitive electrode
	Cholesterol (total)	Cholesterol oxidase/photometry
	Cholesterol (HDL)	PEG enzymes/photometry
	Creatinine (Enymatic)	Enymatic
	Creatinine Kinase	NAC/photometry
	C-Reactive Protein	Immunoturbidimetry
	Gamma Glutamyl Transferase	Carboxynitroanilide/photometry
	Glucose	Hexokinase + G6PD/photometry
	Lactate dehydrogenase	L to P glucamine/photometry
	Magnesium	Xylidyl blue/photometry
	Phosphate	Phosphomolybdate/photometry
	Potassium	Ion sensitive electrode
	Protein (Total)	Biuret/photometry
	Sodium	Ion sensitive electrode
	Triglyceride	Total glycerol GPO/photometry

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	General Biochemistry (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/Plasma in SST or Fluroide oxalate (cont'd)		Roche Cobas c303 by the following measurement principles and reagents: SOP BIO-CMW-3 Roche Cobas Pure Routine Operation SOP
	Uric Acid	Endpoint uricase/photometry
	Urea	Kinetic urease/photometry
	Acute Kidney Alert	By calculation
	Calcium (corrected)	By calculation
	Cholesterol (non HDL & LDL)	By calculation
	eGFR	By calculation
	Globulins	By calculation
Serum / Plasma in SST or Fluroide oxalate (unless otherwise stated)		Rocha Cobas e402 and c303 (Roche Cobas Pure System) immunoassay by chemiluminescence SOP BIO-ALV-3
	Human Chorionic Gonadotrophin	
	Free thyroxine 3	
	Free thyroxine 4	
	Oestradiol	
	Troponin T (high sensitivity)	
	Thyroid stimulating hormone	

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<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:	Sysmex XN-550 Hydrodynamic focusing Flurescence Flow cytometery Sulfolyser-SLS method-HB SOP HAE-HJE-1 Regional XN-550 Operation and Maintenance
	White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils	Flow cytometry
	Red blood cells, platelets	Hydro-dynamic focusing
	Haemoglobin	SLS method
	HCT, MCV, MCH, MCHC, RDW, MPV	By calculation
Whole Blood- in EDTA	Erythrocyte sedimentation rate	Starrsed ST automated ESR analyser Using an optical sensor to read absorption of infra-red light through a Westergren pipette SOP HAE-HJE-4
	<u>Coagulation</u>	
Citrated Blood	Prothrombin time	Sysmex CA660 by optical clot detection SOP HAE-RGH-4
	Activated partial thromboplastin time (APTT)	
	Fibrinogen	
EDTA Blood	Blood film assessment & cell differential	Manual method using May Grunwald Giemsa stains and microscopy SOP HAE-CHA-1
EDTA Blood	Detection of abnormal Sickle Cell Haemoglobin	Helena Solubility Screening kit SOP HAE-PRI-3

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<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 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
	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
EDTA Blood	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
HUMAN BODY FLUIDS (cont'd)	Blood Transfusion (cont'd)	
	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	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		