


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9974 Accredited to ISO 15189:2022	The Doctors Laboratory Ltd Issue No: 012 Issue date: 16 October 2025	
	Pathology Laboratory Rivers Hospital High Wych Road Sawbridgeworth CM21 0HH United Kingdom	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
Theatre Suite Springfield Hospital Lawn Lane Chelmsford CM1 7GU	Sally Curtis 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	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	<u>General Biochemistry</u>	
Serum / Plasma (unless otherwise stated)	Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of:	In house documented procedures based on equipment manuals and standard methods as specified:
	Albumin	Roche Cobas c311 by the following measurement principles and reagents: SOP BIO-PRI-6 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



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<u>General Biochemistry (cont'd)</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:
		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 Fluoride 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



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HUMAN BODY FLUIDS (cont'd)	<u>General Biochemistry (cont'd)</u>	
Serum/Plasma in SST or Fluoride oxalate (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:
	Bilirubin (total)	Roche Cobas c303 by the following measurement principles and reagents: SOP BIO-CMW-3 Roche Cobas Pure Routine Operation SOP
	Calcium	Diazo/photometry
	Chloride	NM-BAPTA/photometry
	Cholesterol (total)	Ion sensitive electrode
	Cholesterol (HDL)	Cholesterol oxidase/photometry
	Creatinine (Enzymatic)	PEG enzymes/photometry
	Creatinine Kinase	Enzymatic
	C-Reactive Protein	NAC/photometry
	Gamma Glutamyl Transferase	Immunoturbidimetry
	Glucose	Carboxynitroanilide/photometry
	Lactate dehydrogenase	Hexokinase + G6PD/photometry
	Magnesium	L to P glucamine/photometry
	Phosphate	Xylidyl blue/photometry
	Potassium	Phosphomolybdate/photometry
	Protein (Total)	Ion sensitive electrode
	Sodium	Biuret/photometry
	Triglyceride	Ion sensitive electrode
		Total glycerol GPO/photometry



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum/Plasma in SST or Fluroide oxalate (cont'd)</p> <p>Serum / Plasma in SST or Fluroide oxalate (unless otherwise stated)</p>	<p><u>General Biochemistry (cont'd)</u></p> <p>Biochemical examination activities for the purposes of clinical diagnosis. Quantitation of: (cont'd)</p> <p>Uric Acid</p> <p>Urea</p> <p>Acute Kidney Alert</p> <p>Calcium (corrected)</p> <p>Cholesterol (non HDL & LDL)</p> <p>eGFR</p> <p>Globulins</p> <p>Human Chorionic Gonadotrophin</p> <p>Free thyroxine 3</p> <p>Free thyroxine 4</p> <p>Oestradiol</p> <p>Troponin T (high sensitivity)</p> <p>Thyroid stimulating hormone</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>Roche Cobas c303 by the following measurement principles and reagents: SOP BIO-CMW-3 Roche Cobas Pure Routine Operation SOP</p> <p>Endpoint uricase/photometry</p> <p>Kinetic urease/photometry</p> <p>By calculation</p> <p>By calculation</p> <p>By calculation</p> <p>By calculation</p> <p>By calculation</p> <p>Rocha Cobas e402 and c303 (Roche Cobas Pure System) immunoassay by chemiluminescence SOP BIO-ALV-3</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology</u>	In house documented procedures based on equipment manuals and standard methods as specified:
EDTA Blood	Haematological examination activities for the purposes of clinical diagnosis. Full blood count:	Sysmex XN-550 Hydrodynamic focusing Fluorescence Flow cytometry Sulfolyser-SLS method-HB
	White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils	SOP HAE-HJE-1 Regional XN-550 Operation and Maintenance 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



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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
	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
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

