


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9684 Accredited to ISO 15189:2022	Western Health and Social Care Trust	
	Issue No: 009 Issue date: 09 June 2025	
	Department of Biochemistry MDEC Building Altnagelvin Hospital Londonderry BT47 6SB	Contact: Maurice O'Kane Tel: +44 (0)287 134 5171 E-Mail: maurice.okane@westerntrust.hscni.net
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Department of Biochemistry Altnagelvin Hospital Londonderry BT47 6SB	Local contact Maurice O'Kane	Clinical Biochemistry
Address Department of Biochemistry South West Acute Hospital Irvinestown Road Enniskillen BT74 6DN	Local Contact Maurice O'Kane	Clinical Biochemistry



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u>	Documented in house methods and manufacturer's instructions for: Roche Cobas 8000 system (702 and 801 ISE) Using Photometric methods:	
Serum/plasma	Bicarbonate	CC/AUTO/004	A B
Serum/plasma/urine	Urea	CC/AUTO/005	A B
Serum/plasma	Total Protein	CC/AUTO/008	A B
Serum/plasma	Direct Bilirubin	CC/AUTO/010	A B
Serum/plasma	Total Bilirubin	CC/AUTO/009	A B
Serum/plasma/urine	Calcium	CC/AUTO/019	A B
Serum/plasma/urine	Phosphate	CC/AUTO/020	A B
Serum/plasma/urine	Magnesium	CC/AUTO/021	A B
Serum/plasma/urine	Uric Acid	CC/AUTO/022	A B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for: Roche Cobas 8000 system (702 and 801 ISE) Using enzymatic photometric methods:	
Serum/plasma/urine	Creatinine	CC/AUTO/007	A B
Serum/plasma/urine/CSF	Glucose	CC/AUTO/006	A B
Serum/plasma	HDL cholesterol	CC/AUTO/026	A B
Plasma	Ammonia	CC/AUTO/029	A B
Serum/plasma	Ethanol	CC/AUTO/032	A B
Serum/plasma	Hydroxybutyrate	CC/AUTO/034	A B
		Using colorimetric methods:	
Serum/plasma	Alkaline Phosphatase	CC/AUTO/011	A B
Serum/plasma	Aspartate aminotransferase	CC/AUTO/012	A B
Serum/plasma	Alanine aminotransferase	CC/AUTO/013	A B
Serum/plasma	Iron	CC/AUTO/027	A B
Serum/plasma	Albumin	CC/AUTO/018	A B
Serum	Lithium	CC/DRUG/007	A B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for:	
Serum/plasma/urine	Sodium	Roche Cobas 8000 system (702 and 801 ISEA) Using Indirect Ion Selective Electrodes methods: CC/AUTO/055	A B
	Potassium	CC/AUTO/055	A B
	Chloride	CC/AUTO/055	A B
		Using Enzymatic colorimetric method:	
Serum/plasma	GGT	CC/AUTO/014	A B
Serum/plasma	Creatine Kinase	CC/AUTO/015	A B
Serum/plasma	Total cholesterol	CC/AUTO024	A B
Serum/plasma	Triglyceride	CC/AUTO/025	A B
Serum/plasma	LDH	CC/AUTO/017	A B
Serum/plasma/urine	Amylase	CC/AUTO/023	A B
Plasma	Lactate	CC/AUTO/033	A B
Serum/plasma	Paracetamol	CC/AUTO/031	A B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for:	
Serum/Plasma	Salicylate	Roche Cobas 8000 system (702 and 801 ISE) Using Enzymatic method: CC/AUTO/030	A B
Urine	Microalbumin	Using Immunoturbidimetric method: CC/PROT/006	A
Serum	Transferrin	CC/PROT/027	A B
Serum/plasma	IgA	CC/PROT/002	A
Serum/plasma	IgM	CC/PROT/002	A
Serum/plasma	IgG	CC/PROT/002	A
Serum/plasma	C3	CC/PROT/003	A
Serum/plasma	C4	CC/PROT/003	A
Serum/plasma	Haptoglobin	CC/PROT/005	A
Serum/plasma	Rheumatoid factor	CC/PROT/038	A
Serum/plasma	Gentamicin	Using KIMS methods: CC/DRUG/014	A B
Serum/plasma	Theophylline	CC/DRUG/002	A B
Serum/plasma	Phenytoin	CC/DRUG/005	A B
Serum/plasma	Phenobarbital	CC/DRUG/006	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for:	
Urine/CSF	Total Protein	Roche Cobas 8000 system (702 and 801 ISE) Using turbidimetry methods: CC/AUTO/035	A B
Serum/Plasma	CRP	Using particle enhanced turbidimetry methods: CC/AUTO/048 Using immunoassay methods:	A B
Serum/plasma	Carbamazepine	CC/DRUG/001	A
Serum/plasma	Valproic acid	CC/DRUG/003	A
Serum/plasma	Vancomycin	CC/DRUG/016	A
Serum/plasma	Digoxin	Roche Cobas modular 801 (A+B) Using ECLIA methods: CC/DRUG/004	A B
Serum	B12	CC/IA/016	A B
Serum	Folate	CC/IA/017	A B
Serum	Ferritin	CC/IA/010	A B
Serum/plasma	HS Troponin T	CC/IA/014	A B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for: Roche Cobas 8000 system (702 and 801 ISE) Roche Cobas modular 602 (A+B) Using ECLIA methods: (cont'd)	
Serum/plasma	NT ProBNP	CC/IA/015	A B
Serum/plasma	Cortisol	CC/IA/003	A
Serum	Total PSA	CC/IA/004	A B
Serum/plasma	Total BHCG	CC/IA/006	A B
Plasma	Parathyroid hormone	CC/IA/011	A B
Serum/plasma	Free T3	CC/IA/012	A B
Serum/plasma	Free T4	CC/IA/001	A B
Serum/plasma	TSH	CC/IA/002	A B
Serum/plasma	Anti – SARS CoV2	CC/IA/019	A
CSF	Xanthochromia	Spectrophotometer using spectrophotometry methods: CC/SI/006	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for:	
Serum/plasma/urine	Osmolality	Advanced Instruments Osmo1 Micro-osmometer using freezing point depression CC/SI/013a	A
		Advanced Instruments Osmo1 Micro-osmometer using freezing point depression CC/SI/013a	B
Serum	Free light chains <ul style="list-style-type: none"> • Kappa • Lambda <p>Calculated tests for the purposes of clinical diagnosis:</p> <p>Kappa/Lambda ratio</p>	Binding Site Optilite analyser Using Immunoturbidimetric methods CC/PROT/032	A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for:	
Urine	Porphyrins	Semi-quantitative spectrophotometry of acidified urine (Deacon methodology) CC/SI/020	A
Urine	Porphobilinogen	Manual Technique Recipe ClinEasy Kit – Anion exchange followed by reaction with Erlich's reagent and photometry CC/SI/021	A
Whole blood	HbA1c	Sebia CAPILLARYS 3 Tera – Capillary electrophoresis and direct detection at 415nm CC/PROT/039	A
Whole blood	HbA1c	Sebia CAPILLARYS 3 Octa – Capillary electrophoresis and direct detection at 415nm CC/PROT/039	B
Serum	Protein Electrophoresis	Helena V8 Nexus – Capillary Zonal electrophoresis CC/PROT/035	A
Serum	Monoclonal Protein Quantification	Helena V8 Nexus – Capillary Zonal electrophoresis CC/PROT/035	A
Serum	Monoclonal Protein Identification	Helena V8 Nexus – Immunodisplacement CC/PROT/035	A
Serum	Immunofixation	Helena SAS3/SAS4 – Monoclonal Protein Identification CC/PROT/037	A
Serum/plasma	Cryoprotein Screen	Helena SAS3/SAS4 – Differential Temperature Precipitation CC/PROT/011	A



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Serum/plasma	Cryoprotein Identification	Helena SAS3/SAS4 – Immunofixation CC/PROT/011	A
Sweat	Sweat collection	Wescor Nacroduct 3710 – Sweat induction using Pilocarpine Iontophoresis CC/SI/24	A B
Sweat	Chloride measurement	ChloroChek Chloridometer Model 3400 – Coulometric titration CC/SI/48	A
HUMAN BODY FLUIDS (cont'd)	<u>Calculated tests for the purposes of clinical diagnosis:</u>	Documented in house methods and manufacturer's instructions for:	
Urine	24 hr Urine Amylase	Roche Cobas 8000	A B
Urine	24 hr Urine Calcium	Roche Cobas 8000	A B
Urine	24 hr Urine Electrolytes	Roche Cobas 8000	A B
Urine	24 hr Urine Magnesium	Roche Cobas 8000	A B
Urine	24 hr Urine Phosphate	Roche Cobas 8000	A B
Urine	24 hr Urine Protein	Roche Cobas 8000	A B
Urine	24 hr Urine Uric acid	Roche Cobas 8000	A B
Serum/Plasma	Adjusted Calcium	Roche Cobas 8000	A B
Urine	Alb/creatinine ratio	Roche Cobas 8000	A



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Serum/Plasma/Urine	Creatinine clearance	Roche Cobas 8000	A B
Serum/Plasma	EGFR	Roche Cobas 8000	A B
Serum/Plasma	LDL	Roche Cobas 8000	A B
Serum/Plasma	Non HDL cholesterol	Roche Cobas 8000	A B
Urine	Porphyrin/Creatinine ratio	Roche Cobas 8000/spectro	A
Serum/Plasma	Total Cholesterol/HDL ratio	Roche Cobas 8000	A B
Serum	Transferrin saturation	Roche Cobas 8000	A B
Urine	Urine Calcium/creatinine ratio	Roche Cobas 8000	A B
Urine	Urine Protein/Creatinine ratio	Roche Cobas 8000	A B
Urine	Urine Uric/creatinine ratio	Roche Cobas 8000	A B
Serum/Plasma	AKI alerts	Roche Cobas 8000	A B
END			