## **Schedule of Accreditation**

issued by

## **United Kingdom Accreditation Service**

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



9353

Accredited to ISO 15189:2022

### **NHS Greater Glasgow & Clyde**

Issue No: 011 Issue date: 22 May 2025

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Royal Alexandra Hospital Tel: +44 (0) 141 314 6098

Corsebar Road E-Mail: karen.brazier@ggc.scot.nhs.uk

Paisley PA2 9PN

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 Royal Alexandra Hospital Corsebar Road Paisley PA2 9PN	<b>Local contact</b> As above	Clinical Biochemistry	A
Address Department of Biochemistry Inverclyde Royal Hospital (IRH) Larkfield Road Greenock PA16 0XN	<b>Local contact</b> As above	Clinical Biochemistry	В
Address Department of Biochemistry Vale of Leven Hospital (VOL) Main Street Alexandria G83 0UA	<b>Local contact</b> As above	Clinical Biochemistry	С

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#### **DETAIL OF ACCREDITATION**

		<u> </u>	
Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUE	Biochemical examination activities for the purpose of clinical diagnosis	In house documented procedures based on equipment manuals and standard methods using-Abbott Alinityseries RAH- CIC (Gold), CI1, CI2, CI3 IRH CI1, CI2 VOL CI1	A B C
	General Biochemistry		
Serum	Albumin Alkaline Phosphatase ALT Ammonia Amylase AST Bicarbonate Bilirubin, direct Bilirubin, total Calcium	Detected by Photometry. SOP LP-CBIO-050	A,B,C Unless stated A A
	Cholesterol		Α
	Creatine Kinase (CK)		4.5
	Gentamicin Gamma Glutamyl Transferase Glucose HDL-Cholesterol		A,B A,B
	Iron Lactate Dehydrogenase (LDH) Macroprolactin		A,B
	·		A (collection and analysis), B (sample
	Magnesium Phosphate Total Protein Triglyceride		collection)
	Toxicology		
	Urate Urea		
	Creatinine	(Enzymatic)	

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUE (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods using-Abbott Alinity series RAH- CIC (Gold), CI1, CI2, CI3 IRH- CI1, CI2 Alinity and 8200 VOL- CI1 c8200 and c8000	A B C
	General Biochemistry (cont'd)		
Serum	C-Reactive Protein  Specific Proteins Beta 2 Microglobulin IgA IgG IgM Transferrin	Detected by Turbidimetry using SOP LP-CBIO-050	AA A A A,B
Serum	Sodium Potassium Chloride	Detected by potentiometry and ion selective electrode (ISE) SOP SOP LP-CBIO-001	A,B,C unless stated
Serum/ plasma	Lactate (Lactate acid to pyruvate)	Detected by Photometry LP-CBIO-001 LP-CBIO-050	A B
Urine	Sodium Potassium Chloride Urea Creatinine Albumin Total protein Calcium Phosphate Urate Amylase		A,B
CSF	Glucose Protein	Detected by Photometry using SOP LP-CBIO-050	A,B
Serum	LDL Cholesterol eGFR Adjusted Calcium Protein/Creatinine Ratio Transferrin Saturation Globulin	By calculation-SOP LP-CBIO-001 By Friedwald Calculation By MDRD Calculation By calculation By calculation	A,B,C

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	Type of test/Properties		
Materials/Products tested	measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUE (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)  General Biochemistry (cont'd)	In house documented procedures based on equipment manuals and standard methods using-Abbott Alinity series RAH- CIC (Gold), CI1, CI2, CI3 IRH- CI1, CI2 VOL- CI1	A B C
			. 5
Urine	Albumin/Creatinine Ratio Protein/Creatinine Ratio Creatinine clearance Urate/Creatinine Ratio	By calculation SOP LP-CBIO-050	A,B
Serum	Therapeutic Drug Monitoring	using PETINIA LP-CBIO-050	A,B

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ISO 15189:2022

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS AND TISSUE (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods using Detected by Abbott Alinity Series RAH- CIC (Gold), CI1, CI2, CI3 IRH- CI1, CI2 VOL- CI1	A B C
Serum/Plasma	Chemistry-Immunoassay  TNI Thyroid Function Tests (TFT)  • TT3  • FT4  • TSH	Using Chemiluminescent Immunoassay (CMIA) LP-CBIO- 050	A,B,C A A,B A,B
	Anti-TPO Cortisol Ferritin		A A A,B
	Haematinics     Folate     Vitamin B12		A,B
	Peptide & Steroid Hormones  LH FSH Oestradiol Prolactin Progresterone Testosterone		A
	PTH SHBG		A
	Tumour Markers  • AFP  • CA 19-9  • CA 125  • CEA  • hCG • PSA		A A,B,C
	Vitamin D		Α
Serum	ProBNP	Alere NT-proBNP kit for Alinity SOP: LP-CBIO-001	A

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HUMAN BODY FLUIDS AND TISSUE (cont'd)	Biochemical examination activities for the purpose of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods using	
Serum	Amino Terminal Propeptide Type III Procollagen (P3NP or PIIINP)  Miscellaneous Biochemistry	Siemens Advia Centaur; Chemiluminescent Microparticle Immunoassay Technology (CMIA). SOP: LP-CBIO-051	A
Serum/Plasma/Urine	Osmolality	Advanced instruments Osmo1, using Freezing Point Depression (FPD) LP-CBIO-057	A,B,C
Serum/urine	Proteins.  • Monoclonal bands.	In house documented procedures based on equipment manuals and standard methods using Sebia Capillarys2, using electrical charge for detection of abnormal bands LP-CBIO-013 LI-CBIO-018 LI-CBIO-020	A
Urine	Bence Jones proteins (BJP)	Sebia Hydrasys, using electrical charge LP-CBIO-034 LP-CBIO-035 LI-CBIO-022 LI-CBIO-024	A
Serum/plasma	Cryoglobulin     Screening     Cryofibrinogen     Screening	In house documented procedures using differential temperature Precipitation  LP-CBIO-014	A
Whole blood	HbA1C	Arkray8190-and Detected by HPLC SOP LP-CBIO- 058	A,B
END			

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