


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9569 Accredited to ISO 15189:2022	NHS Greater Glasgow and Clyde	
	Issue No: 012 Issue date: 23 April 2026	
	Biochemistry Department Queen Elizabeth University Hospital Laboratory Medicine and FM Building 1345 Govan Road Glasgow G51 4TF United Kingdom	Contact: Clare Menzies Tel: +44 (0) 0141 354 9031 E-Mail: clare.menzies@ggc.scot.nhs.uk
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 Biochemistry Department Queen Elizabeth University Hospital Laboratory Medicine and FM Building 1345 Govan Road Glasgow G51 4TF	Local contact Clare Menzies 0141 354 9031	Clinical Chemistry Toxicology Metabolics	A

Site activities performed away from the locations listed above:

Location details		Activity	Location code
Laboratory Victoria Ambulatory Care Hospital Grange Rd, Glasgow G42 9LF	Local contact Clare Menzies 0141 354 9031	Core Chemistry	B



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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 TISSUES AND FLUIDS cont'd	Examination activities for the purposes of clinical diagnosis	In-house documented procedures and manufacturers instructions	
Serum/Plasma	<ul style="list-style-type: none"> Albumin ALP ALT Amylase AST Bicarbonate Total Bilirubin Calcium Creatinine Gamma GT Glucose Phosphate Total Protein Urate Urea 	Abbott Alinity ci Spectrophotometry-Absorbance SOP LP_C_012	A,B A,B A,B A A,B A,B A,B A,B A,B A,B A,B A,B A,B A,B A,B
	<ul style="list-style-type: none"> Chloride Potassium Sodium 	Ion selective electrode (ISE) SOP LP_C_012	A,B A,B A,B
	<ul style="list-style-type: none"> CRP 	Turbidimetric SOP LP_C_012	A,B
	<ul style="list-style-type: none"> Cholesterol Creatinine Kinase LDH Magnesium Triglyceride 	Spectrophotometry-Enzymatic SOP LP_C_012	A A A A,B A
Serum/Plasma	<ul style="list-style-type: none"> BHCG Cortisol TSH FT4 HSTNI 	Chemiluminescent microparticulate immunoassay (CMIA) SOP LP_C_012	A A A A A



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HUMAN TISSUES AND FLUIDS cont'd	Examination activities for the purposes of clinical diagnosis cont'd	In-house documented procedures and manufacturers instructions	
Urine	<ul style="list-style-type: none"> Protein Albumin 	Abbott Alinity ci Turbidimetric SOP LP_C_012	A A
	<ul style="list-style-type: none"> Amylase Calcium Creatinine Phosphate Urea Urate 	Spectrophotometry-Absorbance SOP LP_C_012	A A A A A A
	<ul style="list-style-type: none"> Chloride Postassium Sodium 	Ion selective electrode(ISE) SOP LP_C_012	A A A
Serum/Plasma	<ul style="list-style-type: none"> Troponin I hs 	Abbott Alinity Chemiluminescent microparticle immunoassay (CMIA)- LP_C_001/2	A
Serum	<ul style="list-style-type: none"> Active B12 Folate Ferritin 	LP_C_001/2	A A A
Plasma	<ul style="list-style-type: none"> NT-proBNP 	LP_C_001/2	A
CSF	<ul style="list-style-type: none"> Protein 	Abbott Alinities Turbidimetric LP_C_001/2	A A
Serum/Plasma	<ul style="list-style-type: none"> IgA IgG IgM Transferrin Complement C3 and C4 levels Rheumatoid Factor 		A A A A A A



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HUMAN TISSUES AND FLUIDS cont'd	Examination activities for the purposes of clinical diagnosis cont'd	In-house documented procedures and manufacturers instructions	
Serum/Plasma	<ul style="list-style-type: none"> Iron Beta Hydroxybutyrate Free Fatty Acid 	Abbott Alinity Spectrophotometry-Absorbance LP_C_001/2	A A A
Plasma	<ul style="list-style-type: none"> Lactate Ammonia 		A A
CSF	<ul style="list-style-type: none"> Glucose Total Protein Lactate 	Abbott Alinity Spectrophotometry-Absorbance LP_C_001/2	A A A
Serum/Plasma	<ul style="list-style-type: none"> HDL cholesterol LDH Paracetamol Salicylate Creatine Kinase Ethanol Bile Acids 	Abbott Alinity Spectrophotometry-Enzymatic LP_C_001/2	A A A A A A A
Serum/Plasma	<p>Endocrine</p> <ul style="list-style-type: none"> Cortisol FSH Free T4 Total T3 Beta HCG LH Oestradiol Progesterone Prolactin Sex Hormone Binding Globulin (SHBG) Testosterone Thyroid Peroxidase Antibodies TSH 25-OH Vitamin D Methotrexate 	Abbott Alinity Chemiluminescent microparticle immunoassay (CMIA) LP_C_001/2	A
Plasma	<ul style="list-style-type: none"> Parathyroid Hormone (PTH) 		



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HUMAN TISSUES AND FLUIDS cont'd	Examination activities for the purposes of clinical diagnosis cont'd	In-house documented procedures and manufacturers instructions	
Serum/Plasma	Tumour Markers <ul style="list-style-type: none"> • Alpha Feto Protein • CA125 • Carcino_Embryonic Antigen (CEA) • Prostate Specific Antigen 	Abbott Alinity Chemiluminescent microparticle immunoassay (CMIA) LP_C_001/2	A
Serum/Plasma	Therapeutic Drug Monitoring <ul style="list-style-type: none"> • Amikacin • Carbamazepine • Digoxin • Phenobarbital • Tobramycin • Valproate 	Abbott Alinity particle-enhanced turbidimetric inhibition immunoassay (PETINIA) LP_C_001/2	A
Serum/Plasma	<ul style="list-style-type: none"> • Phenytoin • Theophylline 	Abbott Alinity Enzyme Immunoassay LP_C_001/2	A
Serum/Plasma	<ul style="list-style-type: none"> • Gentamicin • Vancomycin 	Abbott Alinity particle-enhanced turbidimetric inhibition immunoassay (PETINIA) LP_C_001/2	A, B
Serum	<ul style="list-style-type: none"> • Lithium • Conjugated Bilirubin 	Abbott Alinity Abbott Alinity using spectrophotometry LP_C_001/2	A
Urine	Drugs of Abuse <ul style="list-style-type: none"> • Opiates 	Abbott Alinity Abbott Alinity -Measured by enzyme linked immunoassay LP_T_009	A
Urine	Alcohol (Ethanol)	Abbott Alinity alcohol dehydrogenase and kinetic LP_C_001/2	A
Urine	Drugs of Abuse testing (for flexible targets, full scope of testing held by laboratory)	Waters Acquity UPLC LP_T_051	A



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HUMAN TISSUES AND FLUIDS cont'd	Examination activities for the purposes of clinical diagnosis cont'd	In-house documented procedures and manufacturers instructions	
Urine	Drugs of Abuse testing (for flexible targets, full scope of testing held by laboratory)	Waters TQ-S micro LC-MS/MS LP_T_051	A
Plasma	Ethylene Glycol / Toxic Alcohols (Methanol, Ethanol, Acetone, Isopropanol)	Headspace Volatilisation with Gas Chromatography and Flame Ionisation Detection using Shimadzu (GC-FID) LP_T_036	A
Urine	Ethanol	Gas Chromatography with Flame Ionisation Detection using Shimadzu (GC-FID) LP_T_049	A
Serum/Urine	Proteins Monoclonal Bands	Sebia Hydrasys LP_A_008-Immunofixation	A
Serum/Protein	Proteins Monoclonal Bands	Sebia FLEX 2 using capillary electrophoresis using electrical charge for detection of abnormal bands LP_A_006 Immunotyping	A
Urine	Bence Jones' Protein	Sebia Hydrasys LP_A_003 ImmunofixationLP_A_007	A
Sweat	Chloride	Sweat chloride meter Corning 925 / Sherwood 926s LP_M_006	A
Urine	Total Glycosaminoglycans	Cellulose acetate electrophoresis LP_M_008	A
Blood	HbA1c	Arkray 8190- by HPLC LP_A_001	A



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Urine	Toxicology <ul style="list-style-type: none"> • Methadone Confirmation 	Shimadzu 2010 ultra GCMS Measured by gas chromatography mass spectrometry LP_T_023 and LP_T_026	A
Blood	<ul style="list-style-type: none"> • Tacrolimus • Ciclosporin • Sirolimus 	Waters TQ-S Micro-3 By tandem mass spectrometry LP_T_017	A
Serum	<ul style="list-style-type: none"> • Itraconazole • Hydroxyitraconazole • Posaconazole • Voriconazole 	Waters Acquity TMS Measured by liquid chromatography with tandem mass spectrometry LP SBIO T 059 LP SBIO T 059 LP_T_016LP_T_013	A
Blood spot	<ul style="list-style-type: none"> • Acyl Carnitine • Phenylalanine and Tyrosine 	Measured by UPLC Mass spectrometry (UPLC/MS/MS) Waters Xevo LP_M_065LP_M_066 LP_M_065LP_M_067 LP_M_067LP_M_069 LP_M_068	A
Plasma Urine	<ul style="list-style-type: none"> • Acyl Carnitine • Creatine • Guanidinoacetate (GAA) • Hexanoylglycine • Orotic Acid 		
Urine	Organic acids	Measured by GC Mass spectrometry Shimadzu 2020 GC SOP_SBIO_M_009/LP_M_020	A



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HUMAN TISSUES AND FLUIDS cont'd	Examination activities for the purposes of clinical diagnosis cont'd	In-house documented procedures and manufacturers instructions	
CSF	Xanthochromia	Evolution 220 UV-visible spectrophotometer Spectrophotometry LP_A_004	A
Blood	Thiopurine methyltransferase	Waters HPLC with fluorometric detection LP_A_011	A
Plasma	Enzymes Biotinidase Chitotriosidase a-Mannosidase b-Mannosidase a-Fucosidase N-Acetyl-galactosaminidase Aspartyl-glucosaminidase	Measured by fluorimetry – Perkin Elmer Victor 3 plate reader LP_M_053 LP_M_052 LP_M_055 LP_M_056 LP_M_058 LP_M_060 LP_M_059	A
Blood spot	a-Galactosidase b-Galactosidase Hexosaminidase A Acid Lipase Idurante-2-sulphatase Alpha-Glucosidase P-P Thioesterase Tripeptidyl Peptidse	LP_M_024 LP_M_048 LP_M_015 LP_M_048 LP_M_002 LP_M_044 LP_M_046 LP_M_047	
Blood	Leukocyte a-Iduronidase	LP_M_035	
Blood	Leukocyte b-Galactocerebrosidase Leukocyte b-Glucocerebrosidase Leukocyte Total Hex (Sandhoff)	Measured by fluorimetry Hitachi F2710 fluorimeter LP_M_034 LP_M_011 LP_M_010	A
Blood	Gal-1-P-UT screen	Measured using fluorescence Manual Tests SOP_SBIO_M_017	A



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Blood	Quantitative Gal-1-PUT	Measured by Fluorimetry following reduction of NADP to NADPH Hitachi U-2910 LP_M_073	A
Plasma Blood	Arylsuphatase A Leucocyte Arylsulphatase A	Measured by colorimetry Hitachi U-2910 Spectrophotometer LP_M_054 LP_M_018	A
Plasma Urine CSF Blood Spot	NON enzymes aminoacids aminoacids aminoacids Branch chain aminoacids - alloisoleucine, leucine, valine and isoleucine	Measured by ion exchange chromatography with spectrophotometry. Biochrom 30+ LP_M_070	A
Urine	Porphobilinogen	Measured by ion exchange chromatography with spectrophotometry Hitachi U-2910 Spectrophotometer SOP_PORPH_008	A
Serum/Plasma/Urine	Bromide Total Glycosaminoglycans G6PD	Thermo Indiko analyser using spectrophotometry	A
Urine	Oligosaccharide Screen	Measured by thin-layer chromatography (TLC) LP_M_041	A
		Measured by fluorimetry Hitachi F2500 Fluorescence spectrophotometer	A



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Plasma Blood Urine	<ul style="list-style-type: none"> • Porphyrin • Porphyrin • Porphyrin 	LP_M_017LP_M_022 LP_M_023	
Serum	LDL Cholesterol eGFR Adjusted/corrected Calcium Protein/Creatinine Ratio Transferrin Saturation Free androgen index (FAI) VLDL Globulin Metabolic Bone	By calculation By Friedwald Calculation By MDRD Calculation	A and B
Urine	Albumin/Creatinine Ratio Amylase/Creatinine Ratio Creatinine clearance Calcium/Creatinine Ratio Guanidinoacetoacetate (GAA)/Creatinine ratio Porphobilinogen/Creatinine Ratio Porphoryin/Creatinine ratio Urate/Creatinine Ratio Orotic Acid/Creatinine Ratio Hexanoylglycine/Creatinine ratio Total Glycosaminoglycans s/Creatinine Ratio	By calculation	
Serum	Biologic Drug Levels: Adalimumab /Infliximab and Antibodies: AntiAdalimumab / Anti-Infliximab	Dynex DS2 analyser LP_T_044	A
END			