


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8757 Accredited to ISO 15189:2022	Belfast Health and Social Care Trust	
	Issue No: 007	Issue date: 10 June 2025
	Clinical Biochemistry Laboratories Royal Group of Hospitals Grosvenor Road Kelvin Building Belfast BT12 6BA United Kingdom	Contact: Ms Leanne McAdam Tel: +44 (0) 28 9504 7272 E-Mail: Bioquality@belfasttrust.hscni.net Website: http://www.belfasttrust.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 Clinical Biochemistry Laboratory Royal Victoria Hospital Grosvenor Road, Kelvin Building, Belfast BT12 6BA United Kingdom	Local contact Ms Leanne McAdam Tel: +44 (0) 28 95049057	Clinical Biochemistry	A
Clinical Biochemistry Laboratory Belfast City Hospital Lisburn Road Belfast BT9 7AB United Kingdom	Ms Leanne McAdam Tel: +44 (0) 28 95049057	Clinical Biochemistry	B
Clinical Biochemistry Laboratory Mater Infirmorum Hospital 45-51 Crumlin Road Belfast BT14 6AB United Kingdom	Ms Leanne McAdam Tel: +44 (0) 28 95049057	Clinical Biochemistry	C



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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>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u>	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Automation	Roche Cobas 8000	
Serum	25-Hydroxy Vitamin D	Competitive Immunoassay SOP B-760	A
Plasma/Serum	3-Hydroxy Butyrate	Photometric Assay SOP B-1138	A
Plasma	Adrenocorticotrophic Hormone (ACTH)	Immunoassay SOP B-14	A
Serum/Plasma	Alanine Aminotransferase (ALT)	Photometric Assay SOP B-466	A, B, C
Serum/Plasma	Albumin	Photometric Assay SOP B-464	A, B, C
Serum/Plasma	Alfa Feto Protein (AFP)	Sandwich ECLIA SOP B-1785	A
Serum/Plasma	Alkaline Phosphatase (ALP)	Photometric Assay SOP B-465	A, B, C
Serum	Alpha-1-Antitrypsin (AAT)	Turbidimetry SOP B-3016	A
Serum	Amikacin (AMIK)	Photometric Assay SOP B-685	A
Plasma	Ammonia NH ₃	Photometric Assay SOP B-686	A
Urine	Amphetamine Screening Test	Photometric Assay SOP B-2830	A
Serum/Plasma/Urine	Amylase	Photometric Assay SOP B-468	A, B, C
Serum/Plasma	Angiotensin Converting Enzyme (ACE)	Photometric Assay SOP B-679	A
Serum/Plasma	Antibody to Thyroid Peroxidase (Anti-TPO)	Competitive ECLIA SOP B-688	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology: Roche Cobas 8000	
Serum/Plasma	Automation (cont'd) Anti-Mullerian Hormone	Sandwich ECLIA SOP B-2415	A
Serum/Plasma	Aspartate Aminotransferase (AST)	Photometric Assay SOP B-469	A, B, C
Urine	Benzodiazepine screen	Photometric Assay SOP B-71	A
Serum/Plasma	Beta Human Chorionic Gonadotropin (BHCG)	Sandwich ECLIA SOPB-470	A, B, C
Serum	Beta-2-Microglobulin	Photometric Assay SOP B-691	A
Serum/Plasma	Bilirubin (Direct) (BILD)	Photometric Assay SOP B471	A, B, C
Serum/Plasma	Bilirubin (Total) (BILT)	Photometric Assay SOP B472	A, B, C
Serum/Plasma	Brain Natriuretic Peptide (proBNP)	Sandwich ECLIA SOP B-692	A
Serum/Plasma	C-Reactive Protein (CRP)	Immunoturbidimetric Assay SOP B-476	A, C
Serum/Plasma	Caeruloplasmin (CER)	Turbidimetric Assay SOP B-699	A
Plasma	Calcitonin	Sandwich ECLIA	A
Serum/Plasma/urine	Calcium	Photometric Assay SOP B-473	A, B, C
Serum/Plasma	Cancer Antigen 125 (CA125)	Sandwich ECLIA SOP B-1787	A
Urine	Cannabinoids (THC) – Screening Test	Photometric Assay SOP B-71	A
Serum/Plasma	Carbamazepine (CARB4)	Photometric Assay SOP B-697	A
Serum/Plasma	Carbohydrate Antigen 19-9 (CA19-9)	Sandwich ECLIA SOP B-1786	A
Serum/Plasma	Carcinoembryonic Antigen (CEA)	Sandwich ECLIA SOP B-1788	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Automation (cont'd)	Roche Cobas 8000	
Plasma/Serum/Urine	Chloride (ISE's)	Indirect ISE SOP B-2831	A, B, C
Serum/Plasma	Cholesterol (Total)	Enzymatic Colorimetric Assay SOP B-474	A, C
Urine	Cocaine metabolites – screening test	Photometric Assay SOP B-71	A
Serum/Plasma	Complement C3	Turbidimetric Assay SOP B-694	A
Serum/Plasma	Complement C4	Turbidimetric Assay SOP B-695	A
Serum/Plasma	Cortisol	Competitive ECLIA SOP B-704	A
Serum/Plasma	C-Peptide	Sandwich ECLIA SOP B-705	A
Serum/Plasma	C-Reactive Protein (CRP)	Turbidometric Assay SOP B-476	A, B, C
Serum/Plasma/Urine	Creatinine (CRE)	Photometric Assay SOP B-477	A, B, C
Serum/Plasma	Creatinine Kinase (CK)	Photometric Assay SOP B-467	A, B, C
Serum	CrossLaps (C-Terminal Telopeptides)(CTX)	Sandwich ECLIA SOP B-675	A
Whole Blood	Cyclosporine	Competitive Immunoassay SOP B-1148	A
Serum/Plasma	Dehydroepiandrosterone Sulphate (DHEAS)	Competitive ECLIA SOP B-1134	A
Serum/Plasma	Digoxin	Competitive ECLIA SOP B-453	A, B, C
Serum/Plasma	Direct Bilirubin DBIL	Diazo Method SOP B-471	A, C



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Automation (cont'd)	Roche Cobas 8000	
Serum/Plasma/Urine	Ethanol (EtOH)	Photometric Assay SOP B-478	A, C
Serum/Plasma	Ferritin	Sandwich ECLIA SOP B-710	A
Serum/Plasma	Folate	Competitive ECLIA SOP B-711	A
Serum/Plasma	Follicle Stimulating Hormone (FSH)	Sandwich ECLIA SOP B-714	A
Serum	Free Prostate Specific Antigen (fPSA)	Sandwich Immunoassay SOP B-1789	A
Serum/Plasma	Free Thyroxine (FT4)	Competitive ECLIA SOP B-713	A
Serum/Plasma	Free Triiodothyronine (FT3)	Competitive ECLIA SOP B-712	A
Serum/Plasma	Gamma Glutamyl Transferase (GGT)	Photometric Assay SOP B-480	A, B, C
Serum/Plasma	Gentamicin (GENT)	Photometric Assay SOP B-715	A, B, C
Serum/Plasma/Urine/CSF	Glucose (GLU)	Photometric assay SOP B-456	A, B, C
Serum/Plasma	Growth Hormone (GH)	Photometric assay SOP B-456	A, B, C
Serum/Plasma	Haptoglobin	Turbidimetric Assay SOP B-718	A
Whole Blood	HbA1c	Sebia CAPILLARYS 3 (CAPI3) Tera SOP B-3112	C
Serum/Plasma	HDL - Cholesterol	Photometric Assay SOP B-481	A, B, C



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	Automation (cont'd)	Roche Cobas 8000	
Serum/Plasma	Immunoglobulin A (IgA)	Turbidimetric Assay SOP B-722	A
Serum/Plasma/CSF	Immunoglobulin G (IgG)	Turbidimetric Assay SOP B-723	A
Serum/Plasma	Immunoglobulin M (IgM)	Turbidimetric Assay SOP B-724	A
Serum	Insulin	Sandwich ECLIA SOP B-725	A
Serum/Plasma	Insulin Like Growth Factor	Competitive ECLIA	A
Serum/Plasma	Iron FE	Photometric Assay SOP B-726	A, C
Serum/Plasma/Urine	Sodium, Potassium, Chloride	Indirect Ion-Selective Electrode SOP B-2061, B-2062, B-2063	A, C
Plasma/CSF	Lactate	Photometric Assay SOP B-727	A, B, C
Serum/Plasma	Lactate Dehydrogenase (LDH)	Photometric Assay SOP B-484	A, B,
Plasma/Serum	Ostase	Liaison XL BAP Immunoassay SOP B-1147	A
Serum/Plasma	Lipase	Photometric Assay SOP B-730	A
Serum/Plasma	Lithium	Photometric Assay SOP B-454	A, C
Serum	Luteinising Hormone (LH)	Sandwich ECLIA SOP B-729	A
Serum/Plasma/Urine	Magnesium (Mg)	Photometric Assay SOP B-485	A, B, C
Urine	Methadone metabolite screen	Microgenics kit - Competitive Immunoassay Screening Test SOP B-2424	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Automation (cont'd)	Roche Cobas 8000	
Urine	Methadone Metabolite Screening Test	Photometric Assay SOP B-2424	A
Serum/Plasma	Methotrexate	Photometric Assay SOP B-1821	A
Urine/CSF	Microalbumin(MALB)	Turbidimetric Assay SOP B-486	C
Serum/Plasma	Oestradiol	Competitive ECLIA SOP B-708	A
Urine	Opiates – Screening Test	Photometric Assay SOP B-2828	A
Serum/Plasma	Paracetamol (Acetaminophen)	Photometric Assay SOP B-487	A, C
Plasma	Parathyroid Hormone (PTH)	Sandwich ECLIA SOP B-740	A
Serum	Phenobarbital	Photometric Assay SOP B-735	A
Serum/Plasma	Phenytoin	Photometric Assay SOP B-736	A
Serum/Plasma/Urine	Phosphate (PO4)	Photometric Assay SOP B-488	A, B, C
Plasma/Serum/Urine	Potassium (K) (ISEs)	Indirect ISE SOP B-2062	A, B, C
Serum/Plasma	Progesterone	Competitive ECLIA SOP B-738	A
Serum/Plasma	Prolactin	Sandwich ECLIA SOP B-739	A
Serum	Prostate Specific Antigen (PSA)	Sandwich Immunoassay Roche E170 SOP B-1791	A
Serum/Serum	Rheumatoid Factor	Turbidimetric Assay SOP B-741	A, C



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Serum/Plasma	Automation (cont'd) Salicylate (SAL)	Roche Cobas 8000 Photometric Assay SOP B-489	A, C
Serum/Plasma	Sex Hormone Binding Globulin (SHBG)	Competitive ECLIA SOP B-744	A
Serum/Plasma/Urine	Sodium (Na) (ISEs)	Indirect ISE SOP B-2061	A, B, C
Serum/Plasma	Teicoplanin (TEICO)	Photometric Assay SOP B-1090	A
Serum/Plasma	Testosterone	Competitive ECLIA SOP B-747	A
Serum/Plasma	Theophylline	Photometric Assay SOP B-748	A
Serum/Plasma	Thyroid Stimulating Hormone (TSH)	Sandwich ECLIA SOP B-750	A
Serum	Tobramycin	Photometric Assay SOP B-751	A
Serum/Plasma	Total Bilirubin (BILT)	Colorimetric Assay SOP B-482	A
Serum/Plasma	Bicarbonate (CO ₂ /TCO ₂)	Photometric Assay SOP B-475	A, B, C
Serum/Plasma	Total Cholesterol (CHOL)	Photometric Assay SOP B-474	A, B, C
Plasma	Total Homocysteine	Photometric Assay SOP B-1151	A
Serum/Plasma	Total P1NP	Sandwich ECLIA SOP B-677	A
Serum/Plasma	Total Prostate Specific Antigen (PSA)	Sandwich ECLIA SOP B-1791	A
Urine/CSF	Total Protein (TP)	Photometric Assay SOP B-455	A, C
Serum/Plasma	Total Protein (TP)	Photometric Assay SOP B-491	A, B, C
Serum/Plasma	Transferrin	Turbidimetric Assay SOP B-753	A



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	Automation (cont'd)	Roche Cobas 8000	
Serum/Plasma	Triglycerides (TRIG)	Enzymatic Colorimetric Photometric Assay SOP B-755	A, B, C
Serum/Plasma	Troponin T High Sensitivity (TnThs)	Sandwich ECLIA SOP B-501	A, B, C
Serum/Plasma/Urine	Urea	Photometric Assay SOP B-493	A, B, C
Serum/Plasma/Urine	Uric Acid/Urate (URA)	Photometric Assay SOP B-492	A, B, C
Serum/Plasma	Valproic Acid (Valproate) (VALP)	Photometric Assay SOP B-758	A
Serum/Plasma	Vancomycin (VANC)	Photometric Assay SOP B-452	A, B, C
Serum/Plasma	Vitamin B12	Competitive ECLIA SOP B-690	A
Urine	Calcium/Creatinine ratio	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Cholesterol/HDL-cholesterol ratio	Calculated test SOP B-2540	A, B, C
Plasma/Serum	LDL-Cholesterol	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Non-HDL Cholesterol	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Transferrin Saturation	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Acute Kidney Injury (AKI)	Calculated test SOP B-2540	A, B, C



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HUMAN BODY FLUIDS (cont'd)	Clinical Chemistry examination activities for the purpose of clinical diagnosis (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Automation (cont'd)	Roche Cobas 8000	
Plasma/Serum	Estimated Glomerular Filtration Rate (eGFR)	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Corrected Calcium	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Albumin/Creatinine Ratio	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Protein/Creatinine Ratio	Calculated test SOP B-2540	A, B, C
Plasma/Serum	Free Androgen Index	Calculated test SOP B-2540	A, B, C
Urine	Calcium Output	Calculated test SOP B-2540	A, B, C
Plasma/Serum/Urine	Creatinine Clearance	Calculated test SOP B-2540	A, B, C
Urine	Chloride Output	Calculated test SOP B-2540	A, B, C
Urine	Creatinine Output	Calculated test SOP B-2540	A, B, C
Urine	Potassium Output	Calculated test SOP B-2540	A, B, C
Urine	Magnesium Output	Calculated test SOP B-2540	A, B, C
Urine	Sodium Output	Calculated test SOP B-2540	A, B, C
Urine	Total Protein Output	Calculated test SOP B-2540	A, B, C
Urine	Urate Output	Calculated test SOP B-2540	A, B, C
Urine	Urea Output	Calculated test SOP B-2540	A, B, C



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
Serum/Plasma	Troponin T High Sensitivity (TnThs)	Sandwich Immunoassay SOP B-501	B
Serum/Urine	Osmolality	Advanced Instruments Model 3300 osmometer SOP B-1064	A
Whole blood	Blood gases including CO-Oximetry (Carboxyhaemoglobin & Methaemoglobin)	Werfen GEM Premier 4000 Plus SOP BS-156	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Endocrinology		
Serum	Insulin Like Growth Factor (IGF1)	Chemiluminescence-IDS-iSYS-SOP B-1121	A
Serum	Growth Hormone	Chemiluminescence-IDS-iSYS-SOP B-1123	A
Plasma	Adrenocorticotrophic Hormone (ACTH)	Immolute 2000 CLIA SOP B-14	A
Plasma	Calcitonin	Immolute 2000 CLIA SOP B-17	A
Serum/Plasma	Aldosterone	Diasorin XL - CLIA SOP B-2166	A
Plasma	Renin (Direct)	Diasorin XL- CLIA SOP B-2120	A
		High Performance Liquid Chromatography with UV/ECD	
Urine	Catecholamines	SOP B-136	A
Urine	5HIAA	SOP B-140	A
Urine	Metanephrines	SOP B-1834	A
Blood	Vitamin C	SOP B-108	A
Blood	Vitamins A & E	SOP B-143	A
Blood	Tacrolimus	Immunoassay-Abbott Architect CMIA SOP B-224	A



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	Endocrinology (cont'd)		
Urine	Urinary Free Cortisol	Immunoassay- Abbott Architect CMIA-B867 SOP B-24	A
Serum	17 Alpha Hydroxyprogesterone	Radioimmunoassay- DiaSource Kit SOP B-2032	A
Serum	P3NP	Radioimmunoassay-Oxford Biosystems Kit SOP B-11	A
CSF	Xanthochromia	Northstar Bio-UV Double Beam Scanning UV/Visible Light Spectrophotometer SOP B3126	A
Serum/Plasma	Vitamin D	Cascadion Mass Spectrometry B-3087	
	Toxicology		
Serum/Plasma/Urine	Ethanol	Perkin Elmer Clarus 400 Gas Chromatograph with FID SOP B-53	A
Serum/Plasma/Urine	Ethylene Glycol	Perkin Elmer Clarus 400 Gas Chromatograph with FID SOP B-54	A
Serum/Plasma/Urine	Methanol	Perkin Elmer Clarus 400 Gas Chromatograph with FID SOP B-55	A
Urine	Drugs of Abuse Confirmation	LCMSMS-Sciex Qtrap 4500 SOP B-1893	A
Serum	Lamotrigine	LCMSMS-Sciex Qtrap 4500 SOP B-1894	A
Serum	Levetiracetam	LCMSMS-Sciex Qtrap 4500 SOP B-1894	
Serum	Thiopentone	Agilent HPLC SOP B-3209	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Toxicology (cont'd)		
Urine	Ibuprofen	LCMSMS-Sciex Qtrap 4500 SOP B-2203	A
Blood	Tacrolimus	LCMS ABSCIEX QTRAP 4500 SOP B-2010	A
Blood	Sirolimus	LCMS ABSCIEX QTRAP 4500 SOP B-2010	A
Whole Blood	Cyclosporine	Roche C 8000 analysers - ECLIA SOP B-220	A
Blood	Immunosuppressants: Tacrolimus Cyclosporin Sirolimus Everolimus	Cascadion Mass Spectrometry SOP B-3057	A
	Trace Metals		
Water	Chloride	Hach Lange CR3900 spectrophotometer SOP B-184	A
Water	Sulphate	SOP B-187	A
	Trace Metals		
Serum/plasma	Aluminium	Thermo X- series 2 Inductively Coupled Plasma Mass Spectrometry SOP B-153	A
Water	Cations as follows: Sodium, magnesium, aluminium, potassium, calcium, chromium, manganese, iron, copper, zinc, arsenic, selenium, cadmium, barium, thallium and lead	SOP B-168	A
Blood	Chromium and Cobalt	SOP B-1139, B-164	A



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	Trace Metals (cont'd)	Thermo X- series 2 Inductively Coupled Plasma Mass Spectrometry	
Plasma	Cobalt	SOP B-1141	A
Liver biopsy	Copper and Iron	SOP B-177	A
Urine	Copper	SOP B-191	A
Blood	Heavy Metals: Arsenic/Cadmium/Mercury/Thallium	SOP B-1140	
Urine	Heavy Metals (excluding Mercury): Thallium /Arsenic /Cadmium/Chromium/Cobalt/Lead/ Nickel	SOP B-2011	
Urine	Iron	SOP B-166	A
Blood	Lead	SOP B-172	A
Blood	Manganese	SOP B-171	A
Urine	Mercury	SOP B-169	A
Serum, Plasma	Selenium	SOP B-165	A
Serum, Plasma	Zinc	SOP B-165	A
Plasma/Serum	Aluminium	Agilent 7800 ICP-MS B-3280	A
Blood	Trace Metals: Arsenic, Cadmium, Thallium, Mercury, Lead, Cobalt, Chromium and Manganese	Agilent 7800 ICP-MS B-3261	A
Plasma	Trace Metals: Copper, Zinc, Selenium, and Cobalt	Agilent 7800 ICP-MS B-3231	A
Urine	Trace Metals: Mercury, Chromium, Lead, Copper, Cobalt, Iron, Arsenic, Nickel, Cadmium, Thallium	Agilent 7800 ICP-MS B-3262	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Immunoproteins	Binding Site Spa Plus	
Serum	Alpha-1-Antitrypsin (AAT)	SOP B-1131	A
Serum	Free Light Chains	Binding Site Optilite Turbidimetry SOP B-3168	A
Serum	Immunoglobulin Subclasses (IgG1,2,3,4)	Attellica Neph 630 Nephelometry SOP B-3033 Sebia Hydrasys	A
Serum	Alkaline Phosphatase Isoenzymes	Electrophoresis SOP B-1109	A
Serum	Alpha-1-Antitrypsin Phenotype	Helena SAS 3/4 SOP B-2733	A
Serum	Creatine Kinase Isoenzymes	SOP B-1111	A
Serum	Serum Proteins	Electrophoresis SOP B-1125	A
Urine	Bence Jones Protein	Helena SAS 3 / 4 Gel Electrophoresis SOP B-2732	A
CSF/Serum	Oligoclonal Bands	Helena SAS 3 Isoelectric Focussing SOP B-2736	A
Serum	Alkaline Phosphatase Isoenzyme Electrophoresis (ALP)	Helena SAS 3 / 4 Gel Electrophoresis SOP B-2734	
Serum	Serum Protein Electrophoresis and Immunodisplacement	Helena SAS 3 / 4 Capillary Zone Electrophoresis SOP B-2730	
Serum	Serum protein Electrophoresis and Immunofixation	Helena SAS V8 Nexus Gel Electrophoresis SOP B-2731	



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Regulatory Peptides		
Plasma	Chromogranin A (CGA)	ELISA Neolisa Eurodiagnostica SOP B-2070	A
Plasma	Gastrin	Radioimmunoassay Eurodiagnostica SOP B-1991	A
Plasma	Pancreatic Glucagon	B-1993	A
Plasma	Pancreatic Polypeptide (PP)	SOP B-2033	A
Plasma	Somatostatin (SOM)	SOP B-358	A
Plasma	Vasoactive Intestinal Polypeptide (VIP)	SOP B-360	A
Plasma	Neurokinin A (NKA)	In-house Radioimmunoassay SOP B-356	A
	Metabolic and Neonatal screening		
Blood Spot Card	TSH	AutoDELFIA SOP B-533	A
Blood Spot Card	IRT	AutoDELFIA SOP B-534	A
Blood Spot Card	Sickle Cell Disease	Cation-exchange high performance liquid chromatography (HPLC) - BIO-RAD Vnbs Newborn Screening system. SOP B-627	A
Urine	Orotic acid	Colourometric method - dimethylaminobenzaldehyde SOP B-512	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
	Metabolic and Neonatal screening (cont'd)		
Faeces	Elastase	Diasorin Liaison XL Neobase 2 kit SOP B-511	A
Urine	Organic Acids	GCMS - Shimadzu QP2010 ultra SOP B-516	A
Blood/Urine/CSF	Amino Acids	Ion Exchange Chromatography - BIOCHROM 30 PLUS SOP B-152	A
Sweat	Chloride (Sweat Test)	MacroDuct Advanced Sweat Collection System B-3131	A
Faeces/Urine	Reducing substances	Thin Layer Chromatography - aniline/diphenylamine stain SOP B-514	A
Blood Spot Card	Acylcarnitine	TMS - Acquity TQ detector - Waters SOP B-524	A
Blood Spot Card	Phe,Tyr, Met, MCADD screen	TMS - Quattro micro - Waters SOP B-529	A
Red Cells	Galactose 1-phosphate uridyl transferase (G-PUT)	UV Fluorescence NADP converted to NADPH SOP B-513	A
Blood Spot Card	Neonatal Screening for Inborn Metabolic Diseases by Tandem MS: Phenylalanine (phe)/tyrosine (tyr) Methionine (met) Octanoylcarnitine (C8) Decanoylcarnitine (C10) Isovalerylcarnitine (C5) Glutarylcarnitine (C5DC)	Tandem MS Qsight - PerkinElmer SOP B-2897	A



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HUMAN BODY FLUIDS (cont'd)	<u>Clinical Chemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	In house documented procedures incorporating manufacturers' instructions where relevant using the following instrumentation and methodology:	
Calculus	Special Investigations Calculi	Fourier-transform infrared spectroscopy using the Nicolet iS5 B-2717	A
Urine	Cystine	Qualitative - misc chemicals SOP B-239	A
END			