Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

9899

Accredited to ISO 15189: 2022

Birmingham Women's and Children's NHS Foundation Trust

Issue No: 011 **Issue date:** 21 July 2026

Blood Sciences Department
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B4 6NH

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Website: www.bwc.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 Blood Sciences Department Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH	**Local contact** Samuel Dey Tel: 0121 333 9865	Blood Sciences: Clinical Chemistry, Blood Transfusion, Haematology, Specialist Haemostasis and Flow Cytometry	A
Address Birmingham Women's Hospital First Floor Mindelsohn Way Edgbaston Birmingham B15 2TG	**Local contact** Phillip Hurley Tel: 0121 333 9925	Foetal Anomaly Screening Programme	B

Site activities performed away from the locations listed above – satellite fridges

Location details		Activity
Emergency Department Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH	**Contact:** Mrs Andrea Hughes, Section Head, Blood Transfusion Tel: 0121 333 9858 Email: andrea.hughes5@nhs.net	Blood storage & issue only
Ward 18 (Blood Room) Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH	**Contact:** Mrs Andrea Hughes, Section Head, Blood Transfusion Tel: 0121 333 9858 Email: andrea.hughes5@nhs.net	Blood storage & issue only

UKAS MEDICAL 9899 Accredited to ISO 15189: 2022	**Schedule of Accreditation** **issued by** **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK
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Location details		Activity
Theatre R Block TH5 Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH	**Contact:** Mrs Andrea Hughes, Section Head, Blood Transfusion Tel: 0121 333 9858 Email: andrea.hughes5@nhs.net	Blood storage & issue only
Main Theatres (Blood Room) Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH	**Contact:** Mrs Andrea Hughes, Section Head, Blood Transfusion Tel: 0121 333 9858 Email: andrea.hughes5@nhs.net	Plasma freezer, storage & issue only
PICU Birmingham Children's Hospital Steelhouse Lane Birmingham B4 6NH	**Contact:** Mrs Andrea Hughes, Section Head, Blood Transfusion Tel: 0121 333 9858 Email: andrea.hughes5@nhs.net	Blood storage & issue only

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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:	Blood Transfusion examinations to assist in clinical investigations	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	A
Whole blood	Blood Group by detection and identification of antigens: ORhD positive ORhD negative ARhD positive A RhD negative B RhD positive B RhD negative AB RhD positive AB RhD negative	Automated Rapid Provisional Group ABO and Rh D using Grifols Erytra Elexis analysers and Grifols DG Gel Confirm P Monoclonal Anti-A, Anti-B, Anti D(VI-) and Control: BST/PS/035 2ndautomated check group using Grifols Erytra Elexis analysers and Grifols DG Gel Confirm P Monoclonal Anti-A, Anti-B, Anti D(VI-) and Control. BST/PS/035	A
Plasma/Whole blood	Blood Group by detection and identification of antigens: ORhD positive ORhD negative ARhD positive A RhD negative B RhD positive B RhD negative AB RhD positive AB RhD negative	Automated Full Group – Forward and Reverse group using Grifols Erytra Eflexis analysers and Grifols DG Gel ABO/Rh (2DVI-) HSB026 Monoclonal Anti-A, Anti-B, Anti-AB, Anti-D (VI-) x2, Control, Grifols Serigroup Diana A1 and B cells. BST/PS/035	A
Whole Blood	Neonatal Blood Group (ABO and RhD) and Direct Antiglobulin Test DAT: ORhD positive ORhD negative ARhD positive A RhD negative B RhD positive B RhD negative AB RhD positive AB RhD negative	Automated analysis using Grifols Erytra Eflexis analysers and Grifols DG Gel Newborn Monoclonal Anti-A, Anti-B, Anti-AB, Anti-D (VI-), Anti-D (VI+), Control, Anti IgG, Polyspecific DAT (Anti-IgG+C3d): BST/PS/035	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd):	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood	Screening and identification of antibodies to: Rh (C, D, E, c, e, Cw) Kell (K, k, Kpa, Kpb, Jsa, Jsb) Duffy (Fya, Fyb) Kidd (Jka, Jkb)	Automated analysis using Grifols Erytra Elexis analysers and Grifols DG Gel Coombs (IgG+C3d) plus Grifols Serascan Screening cells 1, 11, 111: BST/PS/035	A
	Lewis (Lea,Leb) P1 MNS (M, N, S, s) Lutheran (Lua,Lub) and Xga	Automated analysis using Grifols Erytra Elexis analysers and Grifols DG Gel Coombs (IgG+c3d) and Identisera Diana. Grifols DG Gel Neutral and Grifols Identisera Diana P (papain enzyme): BST/PS/035	A
	Compatibility Testing of patients' plasma with donor cells	Automated analysis using Grifols Erytra Elexis analysers and Grifols DG Coombs (IgG+C3d): BST/PS/035	A
	Direct Antiglobulin Test	Automated analysis using Grifols Erytra Elexis analysers and Grifols DG Coombs (IgG+C3d): BST/PS/035	A
		Monospecific DAT method using Grifols DG DC Scan monospecific DAT (IgG+C3d, IgG only, C3d only, control): BST/PS/035	A
	Antigen phenotyping: Rh and Kell Phenotype C, D, E, c, e, Kell (K)	Automated analysis using Grifols Erytra Elexis analysers and Grifols DG Gel Rh Subgroups +Kell Anti-D (VI+), Anti-C, Anti-E, Anti-c, Anti-e, Anti-Cw, Anti-Kell: BST/PS/035	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematology examinations to assist in clinical investigations	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood	Full Blood Count: Haemoglobin platelet count red blood cell count mean cell volume haematocrit mean cell haemoglobin mean cell haemoglobin concentration white blood cell count white blood cell differential	Sysmex XN2000 FBC analyser. Method - Fluorescence flow cytometry method, hydrodynamic focussing DC detection, SLS haemoglobin method SOP - FBC Validation (BSAH/PS/16)	A
	Reticulocyte count	Sysmex XN2000 FBC analyser. Method - Fluorescence flow cytometry method. SOP - FBC Validation (BSAH/PS/16)	A
	Nucleated red cell count	Sysmex XN2000 FBC analyser. Method - Fluorescence flow cytometry method. SOP - FBC Validation (BSAH/PS/16)	A A
Peripheral blood	Microscopic analysis of blood films to determine morphological abnormalities	Hematek stain machine, microscope. Method – Staining (modified Wright's stain), microscopic examination. SOP - Performing a manual differential using the Extended-Intelligent Processing Unit (EPU) (BSAH/PS/13) SOP - Blood and Bone Marrow Film Preparation (HSR0287) SOP - Microscopic film examination (HSR0023)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Haematology examinations to assist in clinical investigations</u> (cont'd):	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood	Malaria screening for: Plasmodium Falciparum and / or other species (P. Ovale, P. Malariae, P. Vivax, P. Knowlesi).	Commercial kit - Carestart malaria rapydtest. Method - Immunoassay.	A
		SOP - CareStart Malaria RDT (HSR0467)	A
	Detection & speciation (thin films) of malaria parasites: Plasmodium Falciparum, P. Ovale P. Malariae P. Vivax P.Knowlesi.	Manual staining:	
		SOP - Giemsa Stain pH 7.2 (HSR0360)	A
	Glucose 6 Phosphate Dehydrogenase screen	Commercial kit - Trinity Biotech G6PD Deficiency, Longwave UV light source. Method - Visual fluorescence screening.	A
		SOP - G6PD Screen (HSR0293)	A
Whole blood, Plasma (citrate or EDTA), Serum.	Detection of infectious mononucleosis heterophile antibodies	Commercial kit - Clearview® IM II Test for Infectious Mononucleosis. Method - Immunoassay.	A
		SOP - Clearview® IM II Test for Infectious Mononucleosis (BS/PS/17)	A
Whole Blood	Erythrocyte Sedimentation Rate (ESR)	Commercial kit - Sarstedt Microvette CB200. Manual method - Sedimentation.	A
		SOP - ESR Examination - Sarstedt method (BSAH/PS/17)	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Haematology examinations to assist in clinical investigations (cont'd):	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood	Haemoglobinopathy analysis by detection of haemoglobin variants:		
	Hb S detection	Sickledex	A
		SOP - Sickle Solubility Test (HSR0357)	A
	Special Coagulation examinations to assist in clinical investigations	Sysmex CN3000 Analyser - using Manufacturer's Reagent	
Citrated Plasma	Prothrombin Time (PT)	SOP BSSH/PS/78	A
	Activated Partial Thromboplastin Time (APTT)	SOP BSSH/PS/70	A
	Clauss Fibrinogen (Fbg)	SOP BSSH/PS/72	A
	Thrombin Time	SOP BSSH/PS/71	A
	International Normalised Ratio (INR)	SOP BSSH/PS/78	A
	Anti-Xa Assays (LMWH & UFH) (Chromogenic assay)	SOP BSSH/PS/73	A
	Factor II Assay (One-Stage) (PT based clotting)	SOP BSSH/PS/76	A
	Factor V Assay (One-Stage) (PT based clotting)	SOP BSSH/PS/76	A
	Factor VII Assay (One-Stage) (PT based clotting)	SOP BSSH/PS/76	A
	Factor VIII Assay (Modified One-Stage) (APTT based clotting)	SOP BSSH/PS/77	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Special Coagulation examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods: Sysmex CN3000 Analyser - using Manufacturer's Reagent	
Citrated Plasma (cont'd)	Factor VIII Assay (Chromogenic)	SOP BSSH/PS/85	A
	Factor IX Assay (One-Stage) (APTT based clotting)	SOP BSSH/PS/77	A
	Factor X Assay (One-Stage) (PT based clotting)	SOP BSSH/PS/76	A
	Factor XI Assay (One-Stage) (APTT based clotting)	SOP BSSH/PS/77	A
	Factor XII Assay (One-Stage) (APTT based clotting)	SOP BSSH/PS/77	A
	Factor XIII Assay (chromogenic)	SOP BSSH/PS/84	A
	Von Willebrand Factor (vWF) Antigen Assay	SOP BSSH/PS/79	A
	Von Willebrand Factor (vWF) Activity Assay	SOP BSSH/PS/80	A
	Antithrombin Activity Assay (AT)	SOP BSSH/PS/81	A
	Protein S (Free) Antigen Assay	SOP BSSH/PS/83	A
	Protein C Activity Assay	SOP BSSH/PS/82	A
	Lupus Anticoagulant Screen (dRVVT)	SOP BSSH/PS/89	A
	Emicizumab Assay-Modified one-stage VIII Assay	BSSH/PS/86	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Special Coagulation examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods: Beckman Coulter Navios Flowcytometer:	
Peripheral Blood	Peripheral Blood Stem Cell Assay CD34	SOP: BSSH/PS/7	A
	Lymphocyte Subsets (Immune Monitoring) CD3, CD4, CD8, CD19, CD16/56	SOP: BSSH/PS/8	A
	EMA for Hereditary Spherocytosis	SOP: BSSH/PS/5	A
	Platelet Glycoprotein Assay CD41, CD42b, CD61, CD62p	SOP: BSSH/PS/9	A
	Biochemistry examinations to assist in clinical investigations	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma	3-Hydroxy Butyrate	Roche Cobas 501 – enzymatic method– 3rd party (Randox) SOP I/S/H/025	A
Plasma	A1AT	Roche Cobas 501 – immunoturbidimetric assay BSAC/PS/1805	A
Plasma/Serum	Alanine Amino Transferase	Roche Cobas 501 – enzymatic method – Roche reagent SOP S/S/A/062	A
Plasma/Serum	Albumin	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/A/064	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma/Serum	Alkaline Phosphatase	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/A/065	A
Plasma	Ammonia	Roche Cobas 501 – enzymatic method– 3rd party (Randox) SOP S/S/A/095	A
Plasma/Serum, Urine, Fluid	Amylase	Roche Cobas 501 – enzymatic colorimetric method – Roche reagent SOP S/S/A/066	A
Plasma/Serum	Aspartate Transaminase	Roche Cobas 501 – enzymatic method – Roche reagent SOP S/S/A/063	A
Plasma/Serum	Bilirubin -Total	Roche Cobas 501 – colorimetric diazomethod – Roche reagent SOP S/S/B/102	A
Plasma/Serum	Bilirubin - Direct	Roche Cobas 501 – colorimetric method – 3rd party (WAKO) reagent SOP S/S/B/112.	A
Plasma/Serum	Bicarbonate	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/B/067	A
Plasma/Serum	C-reactive Protein	Roche Cobas 501 – particle enhanced immunoturbidemetric method – Roche reagent SOP S/S/C/073	A
Plasma/Serum, Urine Fluid	Calcium	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/C/068	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma/Serum, Urine Fluid	Creatinine	Roche Cobas 501 – enzymatic method – Roche reagent SOP S/S/C/075	A
Plasma/Serum	Cholesterol	Roche Cobas 501 – enzymatic colorimetric method– Roche reagent SOP S/S/C/072	A
Plasma/Serum, Urine Fluid	Chloride	Roche Cobas 501 – indirect ISE– Roche reagent SOP S/S/C/069	A
Plasma/Serum	Creatine Kinase	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/C/074	A
Plasma	Cystatin C	Roche Cobas 501 – immunoturbidimetric assay BSAC/PS/110S	A
Plasma	Free Fatty Acids	Roche Cobas 501 – colorimetric method– 3rd party (Randox) SOP I/S/F/029	A
Plasma/Serum	Gamma-Glutamyl transferase	Roche Cobas 501 – enzymatic colorimetric method– Roche reagent SOP S/S/G/076	A
Plasma/Serum	Glucose	Roche Cobas 501 – enzymatic reference method with hexokinase– Roche reagent SOP S/S/G/086	A
Plasma/Serum	High Density Lipoprotein Cholesterol	Roche Cobas 501 – Homogenous enzymatic colorimetric method– Roche reagent SOP S/S/H/108	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma/Serum	Immunoglobulins IgA, IgM, IgG	Roche Cobas 501 – immunoturbidimetric method – Roche reagent SOP S/S/I/104	A
Plasma/Serum	Iron	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/I/107	A
Plasma/Serum	Lactate Dehydrogenase	Roche Cobas 501 - Optimized standard method according to the Deutsche Gesellschaft für Klinische Chemie (DGKC). Roche reagent SOP S/S/L/096	A
Plasma/CSF	Lactate	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/L/082	A
Serum/Plasma	Magnesium	Roche Cobas 501 – colorimetric endpoint method – Roche reagent SOP S/S/M/098	A
Serum	Methotrexate	Roche Cobas 501 – Homogenous enzyme immunoassay method– 3rd party (ARK reagent) SOP BSAC/PS/1	A
Plasma/Serum	Paracetamol	Roche Cobas 501 – Homogenous enzyme immunoassay method Roche reagent SOP S/S/P/099	A
Plasma/ Serum / Urine / Fluid / Faeces	Potassium	Roche Cobas 501 – indirect ISE– Roche reagent BS/SOP/676	A
Plasma /Serum / Urine	Phosphate	Roche Cobas 501 – Molybdate UV photometric– Roche reagent SOP S/S/P/101	A

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HUMAN BODY FLUIDS (cont'd):	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma /Serum / Urine/ Fluid	Total Protein	Roche Cobas 501 – colorimetric method – Roche reagent SOP S/S/T/079	A
CSF	CSF Protein	Roche Cobas 501 – turbidimetric method – Roche reagent SOP S/S/P/007	A
Plasma /Serum / Urine / Fluid / Faeces	Sodium	Roche Cobas 501 – indirect ISE– Roche reagent SOP S/S/S/070	A
Plasma/Serum	Salicylate	Roche Cobas 501 – photometric method – Roche reagent SOP S/S/S/100	A
Plasma/ Serum / Fluid	Triglyceride	Roche Cobas 501 – enzymatic colorimetric method– Roche reagent SOP S/S/T/106	A
Plasma/Serum / Urine / Fluid	Urea	Roche Cobas 501 – kinetic photometric method – Roche reagent SOP S/S/U/103	A
Plasma/Serum	Uric Acid	Roche Cobas 501 – enzymatic colorimetric method– Roche reagent SOP S/S/U/078	A
Plasma/Serum	Unbound Iron binding capacity	Roche Cobas 501 –colorimetric method– Roche reagent SOP S/S/U/093	A
Serum/Lithium Heparin Plasma	Vitamin D	Roche Cobas 601 – competitive chemiluminescent immunoassay – Roche reagent SOP S/S/133	A

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HUMAN BODY FLUIDS (cont'd):	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Serum	Prolactin	Roche Cobas 601 – sandwich chemiluminescent immunoassay – Roche reagent SOP BSAC/PS/46	A
Serum	Macroprolactin	Roche Cobas 601 and PEG PPT – sandwich chemiluminescent immunoassay – Roche reagent SOP BSAC/PS/47	A
Plasma/Serum	Alpha-Fetoprotein	Roche Cobas 601 –sandwich chemiluminescent immunoassay– Roche reagent SOP S/S/A/094	A
Serum	Ferritin	Roche Cobas 601 – sandwich chemiluminescent immunoassay – Roche reagent SOP S/S/116 Ferritin	A
Plasma/Serum	Free Thyroxine	Roche Cobas 601 –competitive chemiluminescent immunoassay– Roche reagent SOP S/S/F/084	A
Serum	Oestradiol	Roche Cobas 601 – competitive chemiluminescent immunoassay – Roche reagent. SOP BS/SOP/702	A
Plasma/Serum	Free Tri-iodothyronine (FT3)	Roche Cobas 601 –competitive chemiluminescent immunoassay– Roche reagent SOP BSAC/PS/37	A
Serum	Folate	Roche Cobas 601 – competitive chemiluminescent immunoassay – Roche reagent SOP S/S/115 Folate	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd):	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Plasma/Serum	Follicle Stimulating Hormone	Roche Cobas 601 –sandwich chemiluminescent immunoassay– Roche reagent SOP S/S/F/089	A
Plasma/Serum	Growth Hormone	Roche Cobas 601 –sandwich chemiluminescent immunoassay– Roche reagent SOP S/S/G/097	A
Serum	Total human Chorionic Gonadotrophin for the purposes of pregnancy testing and tumour marker	Roche Cobas e601 electrochemiluminescence immunoassay BSAC/PS/85	A
Serum	Insulin-like Growth factor 1 (IGF1)	Roche Cobas e601 – electrochemiluminescence immunoassay	A
Serum/ Lithium Heparin Plasma	AMH	Roche Cobas e601 - electrochemiluminescence immunoassay DOC702	A
Plasma/Serum	Luteinising Hormone	Roche Cobas 601 –sandwich chemiluminescent immunoassay– Roche reagent SOP S/S/L/091	A
Serum	Parathyroid Hormone	Roche Cobas 601 –sandwich chemiluminescent immunoassay– Roche reagent SOP S/S/P/099	A
Plasma/Serum	Cortisol	Roche Cobas 601 –competitive chemiluminescent immunoassay– Roche reagent SOP S/S/C/088	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd):	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Serum	Vitamin B12	Roche Cobas 601 – competitive chemiluminescent immunoassay – Roche reagent SOP S/S/114 Vitamin B12	A
Urine	Microalbumin	Roche Cobas 501 immunoturbidimetric– Roche Reagent SOP S/S/M/087	A
Lithium Heparin Plasma	D-Lactate	Roche Cobas 501 – megazyme enzymatic absorbance of NADH SOP DOC353	A
Serum	Serum Haptoglobin Quantitation	Roche Cobas 501 – immunoturbidimetric assay SOP BSAC/PS/86	A
Sweat	Chloride -Sweat	Collection -pilocarpine iontophoresis using Webster sweat inducer Collected via Wescor macroduct sweat collection system SOP BSAC/PS/21	A
Sweat	Chloride -Sweat	Analysis Sherwood 926S Chloride Analyser MK II via Coulometric titration BSAC/PS/10	A
Sweat	Sweat Conductivity	Westcor sweat check conductivity meter conductivity BSAC/PS/10	A
Plasma/ Serum / Urine	Osmolality	Vitech 3320 Freezing Point Osmometer: SOP S/S/O/033	A
Blood	Detection of Immunosuppressants: Tacrolimus Sirolimus Ciclosporin	LC/MS/MS Waters Xevo TQD 2 SOP BSSC/PS/1	A

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd):	Biochemistry examinations to assist in clinical investigations (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Blood	Detection of Immunosuppressants: Tacrolimus Sirolimus Ciclosporin	LC/MS/MS Waters Xevo TQ-s Micro System SOP S/S/I 109	A
Lithium Heparin Plasma	Ammonia	Fujifilm Dri-Chem System XN10N Dry-Slide Colourimetric SOP BSAC/PS/39	A
		Documented in-house methods to meet the requirements of the Fetal Anomaly Screening Programme as defined in laboratory QA evidence requirements (tests marked *)	
		Roche Cobas e601 electrochemiluminescence immunoassay:	
Serum	Alpha-fetoprotein (AFP)*	Clinical Chemistry 3188	B
	Free B human Chorionic Gonadotrophin (B-hCG)*	Clinical Chemistry 54662	B
	Pregnancy Associated Plasma Protein A (PAPP-A)*	Clinical Chemistry 54661	B
	Total human Chorionic Gonadotrophin (hCG+B)*	Clinical Chemistry 3180	B
		Beckman Access 2 electrochemiluminescence immunoassay:	
	Inhibin A*	Clinical Chemistry 54663	B
	unconjugated Oestriol (uE3)*	Chem/MsuE3AD	B

END