


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> MEDICAL 8621  Accredited to ISO 15189:2022	<b>Mid and South Essex NHS Foundation Trust</b>	
	Issue No: 011    Issue date: 31 October 2025	
	Blood Sciences Department Broomfield Hospital Court Road Chelmsford CM1 7ET United Kingdom	Contact: Sarah Haigh Tel: +44 (0) 1245 515121 E-Mail: sarah.haigh9@nhs.net Website: www.meht.nhs.uk
Testing performed at the above address only		

### Site activities performed away from the locations listed above:

Location details		Activity
<b>Address</b> Broomfield Hospital Court Road Chelmsford CM1 7ET	<b>Contact</b> As above	Management of blood fridges located in: Main Laboratory Main Reception Burns ITU Haematology Ward C542 Maternity Theatre
<b>Address</b> Braintree Community Hospital Braintree Essex CM7 2AL	<b>Contact</b> As above	Management of blood fridges



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (as stated)	<p><u>Biochemical examination activities for the purposes of clinical diagnosis.</u></p> <p><b><u>General Biochemistry</u></b></p> <p>Quantification of:</p>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma / Urine	Potassium	BS-BAUTO-EXT-40 using AU (Ion Selective Electrode)
Serum / Plasma / Urine	Chloride	BS-BAUTO-EXT-39 using AU (Ion Selective Electrode)
Serum / Plasma	Bicarbonate	BS-BAUTO-EXT-21 using AU (Photometry)
Serum / Plasma / Urine	Calcium	BS-BAUTO-EXT-38 using AU (Photometry)
Serum / Plasma / Urine	Urea	BS-BAUTO-EXT-63 using AU (Photometry)
Serum / Plasma / Urine	Creatinine (Jaffe / enzymatic)	BS-BAUTO-EXT-22 (Jaffe) using AU (Photometry) BS-BAUTO-EXT-78 (Enzymatic) using AU (Photometry)
Serum / Plasma	Urate	BS-BAUTO-LP-15 using AU (Photometry)
Serum / Plasma	Glucose	BS-BAUTO-EXT-5 using AU (Photometry)
Serum / Plasma / Urine	Phosphate	BS-BAUTO-EXT-11 using AU (Photometry)



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma	Bilirubin (total)	BS-BAUTO-EXT-65 using AU (Photometry)
Serum / Plasma	Iron	BS-BAUTO-EXT-10 using AU (Photometry)
Urine	Micro total protein	BS-BAUTO-EXT-32 using AU (Photometry)
Serum / Plasma	Total Protein	BS-BAUTO-EXT-36 using AU (Photometry)
Serum / Plasma	Albumin	BS-BAUTO-EXT-60 using AU (Photometry)
Serum / Plasma / Urine	Magnesium	BS-BAUTO-EXT-31 using AU (Photometry)
Serum / Plasma	AST	BS-BAUTO-EXT-17 using AU (Photometry)
Serum / Plasma	ALT	BS-BAUTO-EXT-41 using AU (Photometry)
Serum / Plasma	LD	BS-BAUTO-EXT-8 using AU (Photometry)
Serum / Plasma	CK	BS-BAUTO-EXT-20 using AU (Photometry)
Serum / Plasma	ALP	BS-BAUTO-EXT-61 using AU (Photometry)



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma / Urine	Amylase	BS-BAUTO-EXT-9 using AU (Photometry)
Serum / Plasma	GGT	BS-BAUTO-EXT-7 using AU (Photometry)
Serum / Plasma	Cholesterol (total)	BS-BAUTO-EXT-19 using AU (Photometry)
Serum / Plasma	Triglyceride	BS-BAUTO-EXT-13 using AU (Photometry)
Serum / Plasma	HDL	BS-BAUTO-EXT-27 using AU (Photometry)
Plasma	Ammonia	BS-BAUTO-LP-7 using AU (Photometry) BS-BAUTO-EXT-62 using AU (Photometry)
Serum / Urine	Osmolality	BS-BAUTO-LP-1 Using Advanced Osmometer 3320
Serum / Urine	Free beta human chorionic gonadotropin (bhCG) and pregnancy associated plasma protein-A (PAPP-A) (Combined Test)	Documented in-house methods to meet the requirements of the Foetal Anomaly Screening programme as defined in the laboratory QA evidence requirements – BS-DOWN-LP-6 using Kryptor Gold
	<b><u>Therapeutic Drugs</u></b>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
	Quantification of:	
Serum / Plasma	Carbamazepine	BS-BAUTO-EXT-18 using AU (Photometry)
Serum / Plasma	Procalcitonin	BS-BAUTO-LP-104 using Elecsys BRAHMS
Serum / Plasma	Transferrin	BS-BAUTO-LP-111 using Beckman AU Immuno-turbidimetric method



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma	Phenytoin	BS-BAUTO-EXT-35 using AU (Photometry)
Serum / Plasma	Phenobarbitone	BS-BAUTO-EXT-34 using AU (Photometry)
Serum / Plasma	Valproate	BS-BAUTO-EXT-37 using AU (Photometry)
Serum / Plasma	Digoxin	BS-BAUTO-EXT-25 using AU (Photometry)
Serum / Plasma	Lithium	BS-BAUTO-LP-2 using AU (Photometry)
	<b><u>Routine Toxicology</u></b>	
	Quantification of:	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma	Paracetamol	BS-BAUTO-EXT-59 using AU (Photometry)
Serum / Plasma	Salicylate	BS-BAUTO-EXT-12 using AU (Photometry)
HUMAN BODY FLUIDS (as stated)	<b><u>Specific Proteins</u></b>	
	Quantification of:	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma	IgA	BS-BAUTO-EXT-28 using AU (Photometry)
Serum / Plasma	IgM	BS-BAUTO-EXT-16 using AU (Photometry)
Serum / Plasma	C3	BS-BAUTO-EXT-67 using AU (Photometry)
Serum / Plasma	C4	BS-BAUTO-EXT-6 using AU (Photometry)
Serum / Urine	Paraprotein detection	BS-PROT-LP-3 using CAP3 OCTA
Serum / Urine	Paraprotein / Light Chain typing by Immunofixation, as below: IgG IgM IgA Kappa Lambda	BS-PROT-LP-5 using CAP3 OCTA
Serum	Paraprotein quantification	CAP3 OCTA electrophoresis-densitometry BS-PROT-LP-3 BS-PROT-LP-5
Serum	Kappa & Lambda Serum Free Light Chains	BS-PROT-LP-12 using Optilite



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
CSF	Protein	BS-BAUTO-EXT-36 using AU (Photometry)
CSF	<u>Xanthochromia</u>	Spectrophotometry using Northstar Spectrophotometer – SOPs: BS-BAUTO-TM-21 BS-BAUTO-CA-15
	<b><u>Immunoassays</u></b>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma	Quantification of: Cortisol	BS-BAUTO-EXT-1 using DXI (Immunoassay)
Serum / Plasma	Progesterone	BS-BAUTO-EXT-15 using DXI (Immunoassay)
Serum / Plasma	Oestradiol	BS-BAUTO-EXT-56 using DXI (Immunoassay)
Serum / Plasma	Testosterone	BS-BAUTO-EXT-69 using DXI (Immunoassay)
Serum / Plasma	SHBG	BS-BAUTO-EXT-57 using DXI (Immunoassay)
Serum / Plasma	Troponin T (high sensitivity)	BS-BAUTO-LP-12 using Roche e411 (Immunoassay)
Serum / Plasma	NT-proBNP	BS-BAUTO-LP-11 using Roche e411 (Immunoassay)
Faeces	Faecal Immunochemical Testing (FIT) for quantification of human globin	Using Alpha Labs HMJackarc equipment and SOP BS-PROT-LP-10 for testing of referred symptomatic patients



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:
Serum / Plasma	B12	BS-BAUTO-EXT-42 using DXI (Immunoassay)
Serum / Plasma	Folate	BS-BAUTO-EXT-53 using DXI (Immunoassay)
Serum / Plasma	Ferritin	BS-BAUTO-EXT-52 using DXI (Immunoassay)
Serum / Plasma	Gentamicin	BS-BAUTO-EXT-26 using DXI (Immunoassay)
Serum / Plasma	Vancomycin	BS-BAUTO-EXT-66 using DXI (Immunoassay)
Serum / Plasma	AFP	BS-BAUTO-EXT-44 using DXI (Immunoassay)
Serum / Plasma	HCG	BS-BAUTO-EXT-3 using DXI (Immunoassay)
Serum / Plasma	CEA	BS-BAUTO-EXT-46 using DXI (Immunoassay)
Serum / Plasma	Ca125	BS-BAUTO-EXT-49 using DXI (Immunoassay)
Serum / Plasma	Ca153	BS-BAUTO-EXT-45 using DXI (Immunoassay)
Serum / Plasma	Ca199	BS-BAUTO-EXT-47 using DXI (Immunoassay)



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<p>HUMAN BODY FLUIDS (as stated) (cont'd)</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p> <p>Serum / Plasma</p>	<p><u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>PSA</p> <p>TSH</p> <p>FT3</p> <p>FT4</p> <p>PTH</p> <p>FSH</p> <p>LH</p> <p>Prolactin</p>	<p>In house documented procedures based on Beckman AU, DXI and other supplier's equipment manuals and standard methods as specified below:</p> <p>BS-BAUTO-EXT-54 using DXI (Immunoassay)</p> <p>BS-BAUTO-EXT-48 using DXI (Immunoassay)</p> <p>BS-BAUTO-LP-109 using DXI (immunoassay)</p> <p>BS-BAUTO-EXT-4 using DXI (Immunoassay)</p> <p>BS-BAUTO-EXT-55 using DXI (Immunoassay)</p> <p>BS-BAUTO-EXT-50 using DXI (Immunoassay)</p> <p>BS-BAUTO-EXT-51 using DXI (Immunoassay)</p> <p>BS-BAUTO-EXT-68 using DXI (Immunoassay)</p>



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HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis (cont'd)</u>	In house documented procedures based on supplier's equipment manuals and standard methods as specified below:
	<b><u>High Performance Liquid Chromatography</u></b>	In house documented procedures based on supplier's equipment manuals and standard methods as specified below:
Urine	Quantification of: 5HIAA	BS-DOWN-LP-3 using Jasco HPLC
	<b><u>Calculated Examinations</u></b>	In house documented procedures based on equipment manuals and standard methods as specified below:
Serum / Plasma	Adjusted Calcium	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma	Globulin	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma	eGFR	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma	AKI	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma	HDL ratio	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma	Non-HDL Cholesterol	BS-BAUTO-LP-27 using Beckman DXI
Serum / Plasma	Free Androgen Index	BS-BAUTO-LP-74 using Beckman DXI
Serum / Plasma	FIB4	BS-CLIN-GU-13 using Beckman AU5800
Serum / Plasma	TIBC	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma	Iron saturation and Transferrin	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma / Urine	Creatinine Clearance	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma / Urine	Urine Protein-Creatinine Ratio	BS-CLIN-GU-13 using Clinisys Winpath
Serum / Plasma / Urine	Micro albumin /creatinine Ratio	BS-CLIN-GU-13 using Clinisys Winpath
Urine	Acid urine calculations	BS-DOWN-LP-2 & BS-DOWN-LP-3 using Clinisys Winpath



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (as stated) (cont'd)	<u>Immunological examination activities for the purposes of clinical diagnosis (cont'd)</u>  <b><u>Autoimmune Testing</u></b>  Quantification of:	In house documented procedures based on equipment manuals and standard methods as specified below:  All assays performed according to BS-IMM-LP-6 & BS-IMM-LP-11 using Phadia 250 - Enzyme Immunoassay (EliA method) unless stated otherwise
Serum	ANA Screen	
Serum	ENA Screen	
Serum	Cardiolipin IgG antibodies	
Serum	Cardiolipin IgM antibodies	BS-IMM-LP-10 using Phadia 250 - Enzyme Immunoassay (EliA method)
Serum	TTG IgA antibodies	BS-IMM-LP-9 using Phadia 250 - Enzyme Immunoassay (EliA method)
Serum	TTG IgG antibodies	
Serum	Intrinsic Factor IgG antibodies	BS-IMM-LP-9 using Phadia 250 - Enzyme Immunoassay
Serum	CCP antibodies	
Serum	GBM antibodies	
Serum	MPO antibodies	
Serum	PR3 antibodies	
Serum	TPO antibodies	BS-IMM-LP-12 (Specific IgG method) using Phadia 250
Serum	ENA profile antibodies	BS-IMM-LP-2 using EUROBlot Master – Immunoblot
Serum	Liver specific antibodies	BS-IMM-LP-3 using EUROBlot Master – Immunoblot
Serum	<u>Anti TPO antibodies</u>	BS-IMM-LP-11 (ELiA method) using Phadia 250



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<p>HUMAN BODY FLUIDS (as stated) (cont'd)</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> <p>Serum</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis (cont'd)</u></p> <p>Neuronal antibodies</p> <p>Alpha 1 Antitrypsin</p> <p>Rheumatoid Factor</p> <p><u>Immunological examination activities for the purposes of clinical diagnosis.</u></p> <p><b><u>Allergy testing</u></b></p> <p>Detection and quantification of specific IgE to the following allergens:</p> <p>A. Alternaria A. Fumigatus Almond Amoxicillin Animal Mix Animal Mix (Domestic) Anise Api M1 Honey Bee Apple Apricot Ara H2 (Storage Protein Peanut) Ara H8 (Pr10 Peanut) Ara H9 (Ltp Peanut) Aspergillus Niger Avocado Banana Barley Basil Bayleaf Bee (Honey) Beef Bean (Red Kidney Bean) Bean (White Bean) Bean (Green Bean) Bet V1 (Pr10 ,Birch)</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>BS-IMM-LP-4 using EUROBlot Master – Immunoblot</p> <p>BS-BAUTO-LP-112 using Beckman AU5800</p> <p>BS-BAUTO-LP-113 using Beckman AU5800</p> <p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>BS-IMM-LP-5 (Specific IgE method) using Phadia 250 – Enzyme Immunoassay</p>



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<p>HUMAN BODY FLUIDS (as stated) (cont'd)</p> <p>Serum</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis.</u> (cont'd)</p> <p>Detection and quantification of specific IgE to the following allergens (cont'd):</p> <p>Bet V2 (Profilin, Birch) Bird Feather Mix Birch (Common Silver Birch) Blueberry Blue Mussel Box Elder Brazil Nut Broccoli Buckwheat Budgerigar C. Herbarum Cacao Canary Candida Albicans Capsicum (Sweet Red Pepper, Paprika) Cardamon Carrot Cashew Cat Dander Ccd Cefaclor Celery Cheese (Cheddar) Cheese (Mould Type) Cherry Chestnut (Sweet Chestnut) Chicken Chickpea Chilli Pepper Chlorhexidine Cladosporium Herbarum Clove Coconut</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified below:</p> <p>BS-IMM-LP-5 (Specific IgE method) using Phadia 250 – Enzyme Immunoassay</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> <p>Serum</p> <p>Serum</p>	<p><u>Immunological examination activities for the purposes of clinical diagnosis.</u></p> <p><b><u>Tissue Autoantibodies</u></b></p> <p>Antinuclear antibodies</p> <p>Gastric Parietal Cell antibodies</p> <p>Mitochondria antibodies</p> <p>Smooth Muscle antibodies</p> <p>Liver Kidney Microsomal antibodies</p> <p><u>DsDNA antibodies</u></p>	<p>All assays performed according to: BS-IMM-PR-29, BS-IMM-LP-7 &amp; BS-IMM-LP-13 using HTZ320 Slide processor- Indirect Immunofluorescence.</p>



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issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Mid and South Essex NHS Foundation Trust**  
**Issue No: 011 Issue date: 31 October 2025**

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole Blood (EDTA)</p> <p>Whole Blood (EDTA)</p> <p>Whole Blood (EDTA)</p>	<p><b><u>General Haematology examination activities for the purpose of clinical diagnosis</u></b></p> <p>Haematology examination activities for the purposes of clinical diagnosis using Full Blood Count Analysis (FBC) of the Following Parameters:</p> <p>White Blood Cell (WBC) Count Red Blood Cell (RBC) Count Haemoglobin (Hb) Haematocrit (Hct) Mean Cell Volume (MCV) Mean Cell Haemoglobin (MCH) Mean Cell Haemoglobin Concentration (MCHC) Red Cell Distribution Width (RDWCV) Platelets Neutrophils Lymphocytes Monocytes Eosinophils Basophils Reticulocytes Nucleated red blood cell (NRBC) count</p> <p>Erythrocyte Sedimentation Rate (ESR)</p> <p>Microscopical identification of normal and abnormal blood cell morphologies including microscopical WBC differential count</p>	<p>Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:</p> <p>All assays performed according to: BS RHAEM LP 5 using Sysmex XN1000 &amp; XN2000 analysers – Fluorescence, impedance flow cytometry</p> <p>BS RHAEM LP 4 &amp; BS RHAEM LP 10 using Beckman Coulter Alifax – Stopped flow kinetic analysis</p> <p>BS RHAEM LP6 / LP 9 using Glass slide – wedge stained blood films – Manual and automated using Sysmex SP-10</p>



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole Blood (EDTA)</p> <p>Bone Marrow (EDTA)</p> <p>Whole Blood (EDTA)</p> <p>Whole Blood (EDTA)</p> <p>Whole Blood (EDTA)</p> <p>Whole Blood (EDTA)</p>	<p><b><u>General Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u></b></p> <p>Blood film characteristics and morphology for detection of malarial parasite</p> <p>Bone Marrow film characteristics for microscopical identification of normal and abnormal blood cell morphologies</p> <p>Glandular fever - Detection of Infectious mononucleosis antibodies</p> <p>Quantification of fetal-maternal haemorrhage (Kleihauer Screen)</p> <p>Detection and identification of abnormal haemoglobin (Sickle cell)</p> <p>Haemoglobinopathy screen (Sickle / Thalassemia)</p>	<p>Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:</p> <p>BS RHAEM LP 1 using thick film examination, microscopical identification as well as wedge stained blood films – Manual and automated using Sysmex SP-10 and CareStart Rapydtest RDT kit.</p> <p>BS RHAEM LP 6 &amp; BS RHAEM LP 8 using Glass slide – wedge stained film MGG and Perls' Iron – Manual staining</p> <p>BS RHAEM LP 3 using Accusay Mono - Direct solid phase immunoassay technique</p> <p>Kleihauer testing by manual acid elution technique followed by microscopy using GUEST Medical Kit - SOP BS RHAEM LP 3</p> <p>Sickle cell screening test - BS SHAEM LP 2 using manual ITANO turbidity technique</p> <p>Documented -in-house methods to meet the requirements of the SCT screening programme as defined in the July 2018 NHS Sickle Cell and Thalassemia Screening Programme: laboratory quality assurance evidence requirements</p> <p>BS SHAEM LP 5 using HPLC on Primus Ultra 2 analyser</p>



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HUMAN BODY FLUIDS (cont'd)	<p><b><u>General Haematology examination activities for the purpose of clinical diagnosis (cont'd)</u></b></p> <p><b><u>Coagulation Screen</u></b></p>	<p>Documented in-house methods and manufacturer's operating instructions as specified to support clinical diagnosis:</p> <p>All assays performed according to: BS COAG LP 3 BS COAG PR 7 BS COAG PR 8 using IL-TOPS – Werfen Analysers – Differential optic absorption technique unless stated otherwise.</p>
Citrated plasma	Prothrombin Time (PT)	
Citrated plasma	Activated Partial Prothrombin Time (APTT)	
Citrated plasma	Mixing studies using 50:50 Normal pooled plasma: patient plasma for the investigation of deranged PT &/or APTT results.	LP-210-008 using IL-TOPS – Werfen Analyser
Citrated plasma	International Normalised Ratio (INR)	
Citrated plasma	Fibrinogen	
Citrated plasma	D-Dimer	
Citrated plasma	Factor Assays: II, V, VII, VIII, IX, X, XI, XII, XIII	BS COAG LP 5 using IL-TOPS – Werfen Analyser
Citrated plasma	Low Molecular Weight Heparin Test	BS COAG LP 5 using IL-TOPS – Werfen Analyser
Citrated plasma	Lupus Anticoagulant	BS COAG LP 6 using IL-TOPS – Werfen Analyser
Citrated plasma	Protein C & Protein S Assays Antithrombin Test	BS COAG LP 7 using IL-TOPS – Werfen Analyser - Differential optic absorption technique and chromogenic assays



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HUMAN BODY FLUIDS (cont'd)	<b><u>Blood Transfusion Examinations to assist in Clinical Investigations</u></b>	In house documented procedures based on equipment manuals and standard methods as specified below:
Whole Blood (EDTA)	Blood Grouping and Antibody Screen	BS BT LP 15, BS BT LP 8 & BS BT LP 3 – Automated, using the BioRad IH-1000 and BioRad Gel Station  BS BT LP 13 – Manual Group and Screen
Whole Blood (EDTA)	Identification of antibodies: D /C /E /c /e /Cw /K /k /Kpa /Kpb /Jsa /Jsb / Fya /Fyb /Jka /Jkb /Lea /Leb /P1 /M /N /S /s / Lua /Lub / Xga / auto antibodies	BS BT LP 7 BS BT LP 9 BS BT LP 14 - Manual using BioRad Gelstation and gel card technology with NHSBT panel cells or Prophylax panels for pregnant mums on RAADP
Whole Blood (EDTA)	Phenotyping by antigen detection for antigens Rh/Kell	BS BT LP 7 - Manual using BioRad Gelstation and gel card technology with NHSBT detection material
Whole Blood (EDTA)	Cross-matching of patient sample with donor units	BS BT LP 11 – Manual using BioRad gel card technology
Whole Blood (EDTA)	Baby Blood Group with Direct Antiglobulin Test	BS BT LP 4 – Manual using BioRad gel card technology
Whole Blood (EDTA)	Direct Antiglobulin Test	BS BT LP 8 & BS BT LP 15 – Automated, using the BioRad IH-1000 and BioRad Gel Station BS BT LP 16 – Manual using BioRad gel card technology
Whole Blood (EDTA)	Antibody Titration	BS BT LP 1 - Manual using BioRad gel card technology
END		