


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>8710</p> <p>Accredited to ISO 15189:2022</p>	<p>Synnovis Analytics LLP</p> <p>Issue No: 019 Issue date: 03 April 2025</p>	
	<p>5th Floor, North Wing St. Thomas' Hospital Westminster Bridge Road London SE1 7EH</p>	<p>Contact: Beverley Crane Tel: +44 (0)207-1887188 ext. 50802 Fax: +44 (0)207-1882948 E-Mail: beverley.crane@gstt.nhs.uk Website: www.synnovis.co.uk</p>

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
<p>Blood Sciences Laboratory 5th Floor, North Wing St. Thomas' Hospital Westminster Bridge Road London SE1 7EH</p> <p>Tim Maggs tel: 0207-1884774</p> <p>Sue Woodcock Saidat Turawa tel: 0207-1887188 (ext. 546217974)</p> <p>Yvonne Daniel tel: 0207-1889247</p> <p>Alpesh Devmorari tel: 0207-1887188 (ext. 54621)</p>	<p>Blood transfusion inc. storage & issue of blood and blood products</p> <p>General Haematology</p> <p>Special Haematology inc. Flow Cytometry & Molecular Haematology</p> <p>Clinical Chemistry</p>	ST
<p>Diabetic Clinic St. Thomas' Hospital</p> <p>Alpesh Devmorari (tel: as above)</p>	Biochemistry: Diabetes monitoring only	STDC
<p>Theatres St. Thomas' Hospital</p> <p>Alpesh Devmorari (tel: as above)</p>	Biochemistry: Intra-operative PTH only	STT
<p>Fetal Medicine Unit St. Thomas' Hospital</p> <p>Alpesh Devmorari (tel: as above)</p>	Biochemistry: First trimester screening only	STFMU
<p>Blood Sciences Laboratory 4th Floor Southwark Wing Guy's Hospital Great Maze Pond London SE1 9RT</p> <p>Tim Maggs tel: 0207-1884774</p> <p>Yvonne Daniel tel: 0207-1884781</p> <p>Alpesh Devmorari tel: 0207-1884781</p>	<p>Blood transfusion inc. storage & issue of blood and blood products</p> <p>General Haematology</p> <p>Special Haematology inc. Flow Cytometry</p> <p>Clinical Chemistry</p>	G



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Laboratory locations:

Location details	Activity	Location code
Blackfriars Hub Laboratory 2 nd Floor Friars Bridge Court 41 Blackfriars Road London SE1 8NZ	Alpesh Devmorari (tel: as above) Blood Sciences Laboratory: Biochemistry	HUB
Diabetic Clinic Guy's Hospital	Alpesh Devmorari (tel: as above) Biochemistry: Diabetes monitoring only	GDC
Cancer Centre Guy's Hospital	Saidat Turawa (tel: as above) Haematology: Full blood counts only	GCC

Site activities performed away from the locations listed above:

Location details	Activity
St. Thomas' Hospital: <ul style="list-style-type: none">• Birth Centre• Main Theatre• East Wing Cardiac Theatre• East Wing ITU 1 and ITU6• AE Resus	Storage & issue of blood and blood products only
Evelina London Children's Hospital (at St. Thomas' Hospital site): <ul style="list-style-type: none">• Forest Theatre• Snow Fox Ward	Storage & issue of blood and blood products only
Guy's Hospital: <ul style="list-style-type: none">• Theatres• Nuffield Theatres	Storage & issue of blood and blood products 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	<u>Blood Transfusion examinations to assist in clinical investigations</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood Red cells Plasma	ABO & RhD typing by detection & identification of the following antigens: A Rh D Positive AB Rh D Positive B Rh D Positive O Rh D Positive A Rh D Negative AB Rh D Negative B Rh D Negative O Rh D Negative Including the presence of A2 antigens	Automated using: CAT BioRad IH1000 (ST only) & IH500 and: BSBT-SOP-104 BSBT-SOP-106 Manual using: CAT BioRad ABO and reverse grouping cards and A1 and B reagent cells and: BSBT-SOP-073	ST G ST G
Whole blood Plasma	Antibody Screen: detection of the following antibodies: Rh –C,D,E,c,e, Cw Kell –K, k, Kpa Duffy –Fya, Fyb MNSs- M, N, S, s Kidd –JKa, Jkb Lewis – Lea, Leb Lutheran –Lua P–P1 Anti-Chido/Rogers (ST only)	Automated using: CAT BioRad IH1000 (ST only) & IH500 and: BSBT-SOP-104 BSBT-SOP-106 Manual using: Manual BioRad CAT IAT technology, anti-IgG IAT gel cards and BioRad 3 cell antibody screening reagent cells and: BSBT-SOP-073	ST G ST G
Whole blood Plasma	Antibody Identification: Rh –C,D,E,c,e,f Cw Kell –K, k, Kpa Duffy –Fya, Fyb MNSs- M, N, S, s Kidd –JKa, Jkb Lewis – Lea, Leb	Automated using: CAT BioRad IH1000 (ST only) & IH500 BioRad Anti-IgG IAT and NHSBT 11 cell LISS ID panel and 11 cell. BioRad 10 cell LISS ID panel and: BSBT-SOP-090 BSBT-SOP-093 BSBT-SOP-106 BSBT-SOP-107	ST G



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood Plasma	Antibody Identification: Rh –C,D,E,c,e,f Cw Kell –K, k, Kpa Duffy –Fya, Fyb MNSs- M, N, S, s Kidd –JKa, Jkb Lewis – Lea, Leb	Manual using: CAT IAT technology. BioRad Anti-IgG IAT gel cards and plain na/enc cards. NHSBT 11 cell LISS ID panel and 11 cell Papainised enzyme treated ID panel. BioRad 10 cell LISS ID panel and: BSBT-SOP-090 BSBT-SOP-093	ST G
Whole blood Plasma	Antibody Titration: Rh –C,D,E,c,e,f Cw Kell –K, k, Kpa Duffy –Fya, Fyb MNSs- M, N, S, s Kidd –JKa, Jkb Lewis – Lea, Leb Anti-A Anti-B	Automated using: CAT BioRad IH500 and: BSBT-SOP-098 Manual using: CAT BioRad CAT IAT technology. Anti-IgG IAT gel cards and plain Na/Enz gel cards and: BSBT-SOP-098	ST G ST
Whole blood Red cells	Red cell antigen typing: Rh –C,E,c,e, K Kell –k, Kpa Duffy –Fya, Fyb MNSs- M, N, S, s Kidd –JKa, Jkb	Automated using: CAT BioRad IH500 and: BSBT-SOP-106 BSBT-SOP-107 Manual using: CAT BioRad Rh/K, Profile II and profile III antigen typing cards and: BSBT-SOP-094	ST G ST
Whole blood Red cells	Red cell antigen typing: Rh –C,E,c,e,K	Manual using: CAT BioRad Rh/K antigen typing cards and: BSBT-SOP-094	G



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
Whole blood Red cells	Direct Antiglobulin Test (DAT)	Automated using: CAT BioRad IH500 polyspecific and monospecific and: BSBT-SOP-106 BSBT-SOP-107	ST G
		Manual using: CAT BioRad polyspecific and monospecific IgG and C3d DAT cards and: BSBT-SOP-092	ST G
Whole blood Red cells	Compatibility testing of patient plasma with donor cells	Automated using: CAT BioRad IH1000 (ST only) & IH500 and: BSBT-SOP-106 BSBT-SOP-107 BSBT-SOP-115	ST G
		Manual using: CAT BioRad Anti-IgG IAT gel cards and: BSBT-SOP-115	ST G
Whole blood Red cells	Foetal Maternal Haemorrhage (semi quantitative)	Manual foetal maternal haemorrhage test based on BCSH semi quantitative method using: Guest Medical Foetal Red Cell Detection Kit and: BSBT-SOP-101	ST



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations to assist in clinical investigations (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood	Full Blood Count (FBC) analysis: Total red cell count Haemoglobin Mean cell volume Mean cell haemoglobin Mean cell haemoglobin concentration Hematocrit Red cell distribution width Total white cell count Absolute neutrophil count Absolute lymphocyte count Absolute monocyte count Absolute eosinophil count Absolute basophil count Platelet count Mean platelet volume Platelet distribution width Nucleated red cell count	Automated using: Sysmex XN 10 and 20 and: BSH-SOP-094	ST G GCC
Whole blood	Reticulocyte count: Absolute reticulocyte count Reticulocyte %	Automated using Sysmex XN 10 and 20 and	ST G GCC
Whole blood	Citrate platelet count	Automated using: Sysmex XN 10 and: BSH-SOP-094	ST G
Whole blood	Haemoglobin	Manual Azidemethaemoglobin method using: Hemocue Hb201 and: BSH-SOP-013	ST G
Whole blood	Red cell morphology White cell morphology Platelet morphology White cell differential	Wright-Giemsa staining using: Hematek 2000 / Hematek 3000 and: BSH-SOP-043 followed by microscopy using: BSH-SOP-041	ST G



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood	Sézary cell count	Wright-Giemsa staining using: Sysmex SP-50F followed by microscopy using: BSH-SOP-068	ST
Bone marrow aspirate	Cellularity M:E ratio and nucleated cell differential Morphology (normal & Abnormal) of red cell, white cell and platelet precursors	Manual May-Grunwald-Giemsa staining followed by microscopy using: BSH-SOP-039 BSH-SOP-086	ST G
Bone marrow aspirate Urine	Iron deposits (Haemosiderin)	Manual Perls' Prussian Blue and Neutral Red counterstain method followed by microscopy using: BSH-SOP-046 BSH-SOP-091	ST G
Whole blood	Confirmation and Speciation of Malaria parasites by detection of: <i>P. falciparum</i> (HRP1)	Immunochromogenic method using BinaxNOW and: BSH-SOP-081	ST
Whole blood	Confirmation and identification of Malaria parasites by detection of: <i>P. falciparum</i> , <i>P. vivax</i> , <i>P. malariae</i> , <i>P. ovale</i> (pan-antigen)		
Whole blood	Confirmation and Identification of Malaria & non-Malaria parasites: <i>P. falciparum</i> , <i>P. ovale</i> , <i>P. vivax</i> , <i>P. malariae</i> , <i>P. knowlesi</i> Filaria <i>Typanosoma</i> spp. <i>Babesia</i> spp. <i>Borrelia</i> spp.	Manual Giemsa staining of thick and thin films followed by microscopy using: BSH-SOP-038 BSH-SOP-081	ST



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
Plasma	Viscosity	Resistance of plasma flow using: Benson BV1 Viscometer and: BSH-SOP-050	ST
Whole blood	Erythrocyte Sedimentation Rate (ESR)	Rate of red cell sedimentation using StaRRsed Autocompact and: BSH-SOP-079	ST
Plasma Serum	Heterophile antibodies (Infectious mononucleosis screen)	Latex agglutination using: BLOKIT Monolatest Kit and: BSH-SOP-019	ST
CSF	Presence of normal and abnormal white cells	Cytocentrifugation & May-Grunwald-Giemsa staining followed by microscopy using: BSH-SOP-008	G
	<u>Molecular and Special Haematological examinations for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood	Haemoglobin detection: HbS HbC Hb D-Punjab Hb O-Arab Hb Lepore Hb G-Philadelphia Hb Stanleyville Hb E	Tandem Mass Spectrometry using: Premier Mass Spectrometer and: BSSH-SOP-022	ST
Whole blood	Molecular genetic analysis for genetic mutations and variants	Automated DNA extraction using: QIAAsymphony in accordance with: BSH-SLA-5 with Virology	ST
DNA extracted in house or received as primary sample type	Common alpha thalassaemia deletions Tripllicated alpha gene	Polymerase chain reaction (PCR) using: Veriti Thermal Cycler and: BSSH-SOP-051	ST



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HUMAN BODY FLUIDS (cont'd)	<u>Molecular and Special Haematological examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
DNA extracted in house or received as primary sample type	Alpha thalassaemia: Identification of known point mutations and deletions within the alpha gene cluster	PCR using: Veriti Thermal Cycler and Sanger Sequencing using: ABI 3730 sequencer in accordance with BSH-SLA-8 with genetics and: BSSH-SOP-062	ST
DNA extracted in house or received as primary sample type	Beta thalassaemia: Identification of known point mutations and deletions within the beta gene cluster	PCR using: Veriti Thermal Cycler and Sanger Sequencing using: ABI 3730 sequencer in accordance with BSH-SLA-8 with genetics and: BSSH-SOP-062	ST
DNA extracted in house or received as primary sample type	Large alpha & beta thalassaemia gene deletions and insertions	Multiplex Ligation-dependent Probe Amplification (MLPA) using: ABI 3130XL and ABI 3500 sequencer in accordance with BSH-SLA-7 with molecular haemostasis and: BSSH-SOP-060 Large alpha and beta gene deletions and insertions by MLPA	ST



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Whole blood Bone marrow Aspirate fluid</p>	<p><u>Special Haematological examinations for the purpose of clinical diagnosis</u></p> <p>Leukaemia flow cytometry panels: Cell surface and/or intracellular B cell, T cell, myeloid, monocytic and immature progenitor antigens: Chronic panel: CD8</p> <p>Kappa & lambda light chains: CD4 CD5 CD79b CD20 CD10 CD23 CD3 CD19 FMC7 CD45 CD2 CD25 CD16 CD56 CD7 CD57</p> <p>Cytoplasmic markers: TdT MPO CD79a CD34 CD22 CD3 IgM</p>	<p>In house documented methods incorporating manufacturers' instructions as required</p> <p>Immunophenotyping by Flow Cytometry using: Beckman Coulter NAVIOS and: BSSH-SOP-080</p>	G



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HUMAN BODY FLUIDS (cont'd)	<u>Special Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood Bone marrow Aspirate fluid (cont'd)	Leukaemia flow cytometry panels (cont'd) Acute panel: CD64 CD33 CD56 CD117 CD34 CD123 CD19 CD3 HLA DR CD45 CD4 CD1a CD3 CD2 CD7 CD235a CD8 CD10 CD20 CD11b CD15	Immunophenotyping by Flow Cytometry using: Beckman Coulter NAVIOS (cont'd)	G
Fine Needle Aspirate (FNA) fluid	FNA flow cytometry panel: Cell surface B cell and T cell antigens (as stated above)	Immunophenotyping by Flow Cytometry using: Beckman Coulter NAVIOS and: BSSH-SOP-029 (FNA)	G
Whole blood	Immunoplatelet count	Immunophenotyping by Flow Cytometry using: Beckman Coulter CytoFLEX (ST) & Beckman Coulter NAVIOS (G) and: BSSH-SOP-036 BSSH-SOP-090	ST G



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HUMAN BODY FLUIDS (cont'd)	<u>Special Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood	Lymphocyte subsets: CD3 CD4 CD8 CD19 CD56 CD16 CD45	Immunophenotyping by Flow Cytometry using: Beckman Coulter Aquios and: BSSH-SOP-031	ST
Whole blood	CD4/CD8 count	Immunophenotyping by Flow Cytometry using: Beckman Coulter Aquios and: BSSH-SOP-031	ST
Peripheral blood	CD19 Rituximab	Flow Cytometry using: Beckman Coulter NAVIOS and: BSSH-SOP-073	G
Whole blood	Sézary syndrome: Percentages and absolute of: CD3+/CD4+/CD26- CD3+/CD4+/CD7- CD8	Immunophenotyping by Flow Cytometry using: Beckman Coulter NAVIOS and: BSSH-SOP-084	G
	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions as required	
		Automated using: Roche Cobas c8000 c702 with the measurement principle stated and: BSAC-SOP-062	
Serum/plasma	Ammonia	Colorimetric	ST
	Anti-Mullerian Hormone (AMH)	Electrochemiluminescence immunoassay	
	Human chorionic gonadotropin (HCG)		



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
	C-telopeptide (CTX) Procollagen type 1 N Propeptide (P1NP)	Automated using: Roche Cobas c8000 e602 with the measurement principle stated and: BSAC-SOP-062	G G G
Serum	Potassium (K) Sodium (Na) Chloride (Cl)	Indirect ion selective electrode (ISE)	ST & G HUB
Plasma	Potassium (K) Sodium (Na) Chloride (Cl)	Indirect ion selective electrode (ISE)	HUB
Urine	Potassium (K) Sodium (Na) Chloride (Cl)	Indirect ion selective electrode (ISE)	ST HUB
Serum/plasma	Calcium Magnesium Phosphate Total protein Urate Urea	Colorimetric Enzymatic Colorimetric Enzymatic	ST, GG & HUB



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
Serum/plasma	Albumin Alkaline phosphatase (ALP) Alanine aminotransferase (ALT) Aspartate aminotransferase (AST) Bicarbonate Gamma-glutamyl transferase (GGT)	Automated using: Abbott Alinity C with the measurement principle stated and: BSAC-SOP-083 Colorimetric	ST, G & HUB
Plasma Serum/plasma	Glucose Lactate dehydrogenase (LDH)	Colorimetric/ Enzymatic Colorimetric	ST, G & HUB ST, G & HUB
Serum/plasma	Total Bilirubin	Enzymatic	ST, G & HUB
Serum/plasma	Creatine kinase Iron		
Urine	Calcium Magnesium Phosphate Total protein Urate Urea	Colorimetric Enzymatic	ST & HUB
	Albumin Protein	Turbidimetric/immunoturbidimetric	HUB



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required Automated using: Abbott Alinity C with the measurement principle stated and: BSAC-SOP-083 and Abbott reagents unless otherwise specified	
Serum	Creatinine	Enzymatic	ST, G & HUB
Urine			ST & HUB
Serum Serum/plasma	Bile Acids		ST HUB
Serum/plasma	C-reactive protein (CRP)	Immunoturbidimetric	ST, G & HUB
	Gentamicin Vancomycin		ST
Serum/plasma	Estimated glomerular filtration rate (eGFR)	Calculation (4MDRD)	ST, G & HUB
Serum/plasma	Angiotensin converting enzyme (ACE)	Colorimetric Using Buhlmanns reagents	ST & HUB
Serum/plasma	Amylase Beta-hydroxybutyrate (BOHB) Conjugated bilirubin	Using Randox reagents Colorimetric	ST, G & HUB ST
Plasma Serum/ plasma	Creatine kinase (CK) Ethanol HDL-cholesterol		ST & HUB
Serum/plasma	Iron		ST
Serum	Lactate		ST & HUB
Serum/plasma	Lithium LDL-cholesterol (direct)		ST



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required Automated using: Abbott Alinity C with the measurement principle stated and: BSAC-SOP-083 and Abbott reagents unless otherwise specified	
Serum	Non-esterified fatty acids (NEFA)	Using Randox reagents	ST & HUB
Serum/plasma	Paracetamol Salicylate Total cholesterol		
Serum/plasma	Triglyceride	Colorimetric	ST & HUB
Serum/plasma	Amikacin Apolipoprotein A1 Apolipoprotein B Caeruloplasmin	Immunoturbidimetric	ST & G ST & HUB
	Carbamazepine		ST
	Complement C3 Complement C4 Digoxin		ST & HUB
	Fructosamine		G ST & HUB
	Haptoglobin Immunoglobulin A Immunoglobulin G Immunoglobulin M Lipoprotein (a)		ST
	Phenobarbitone		ST & HUB
	Phenytoin Transferrin		ST



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
		Automated using: Abbott Alinity C with the measurement principle stated and: BSAC-SOP-083 and Abbott reagents unless otherwise specified	
	Theophylline Valproate	Using Randox reagents	
Urine	Albumin/microalbumin	Immunoturbidimetric	ST
	Amylase	Colorimetric	ST & HUB
CSF	Glucose Lactate Total protein	Colorimetric	ST
Serum/plasma	Adjusted Calcium Anion gap AST to platelet ratio index AST:ALT ratio	Calculation	ST, G & HUB
Urine	Albumin:creatinine ratio (ACR) Protein:creatinine ratio (PCR)	Calculation	ST & HUB
	Calcium:creatinine ratio Calcium excretion Phosphate excretion Potassium excretion Total protein excretion Sodium excretion Urea excretion		HUB
Serum & Urine	Creatinine clearance		ST & HUB



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Serum/plasma	Free Androgen Index Acute kidney Injury warning stage FIB4 Transferrin saturation Non HDL Cholesterol LDL Cholesterol Globulins	Automated using: Abbott Alinity I with the measurement principle stated and: BSAC-SOP-083	HUB
Serum/plasma	Procalcitonin Troponin T (high sensitivity)	Electrochemiluminescence immunoassay	ST, G & HUB
Serum/plasma	Ferritin	Electrochemiluminescence immunoassay	ST & HUB
Serum	PTH	Electrochemiluminescence immunoassay	ST & G
Serum/plasma	Free Testosterone Troponin I (high sensitivity)		HUB



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

Synnovis Analytics LLP
Issue No: 019 Issue date: 03 April 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	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required Automated using: Abbott Alinity I with the measurement principle stated and: BSAC-SOP-083	
Serum/plasma	Alpha-fetoprotein (AFP) CA-125 CA-15-3 CA-19-9 Carcinoembryonic Antigen (CEA) C-peptide Cortisol Folate	Electrochemiluminescence immunoassay	ST & HUB
Serum	Follicle stimulating hormone (FSH)		HUB
Serum/plasma	Free PSA		ST & HUB
Serum	Free Thyroxine Free Tri-iodothyronine Beta Human chorionic gonadotropin (HCG) Insulin Luteinising hormone (LH) Methotrexate		ST
Serum/plasma	Neuron Specific Enolase (NSE) N-terminal pro B-type natriuretic peptide (NT-proBNP) Oestradiol Progesterone Prolactin Prolactin: Macroprolactin		ST & HUB



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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 (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
Serum	Prostate specific antigen (PSA) Sex hormone binding globulin (SHBG) Testosterone TSH receptor antibody (TRAb) Thyroid stimulating hormone (TSH)	Automated using: Abbott Alinity I with the measurement principle stated and: BSAC-SOP-083 PEG precipitation followed by automated analysis using Abbott Alinity I	ST
Serum	Intact Parathyroid Hormone (PTHi)		ST & HUB
Serum/plasma	Vitamin B12 Vitamin D		HUB
Serum	Free Testosterone Globulins LDL Cholesterol Non-HDL Transferrin saturation	Calculation	ST
Serum/plasma Urine	Osmolality	Freezing Point Depression using: Advanced Instruments Osmometer OsmoPro and: BSAC-SOP-030	ST
Blood (finger prick)	Cholesterol Creatinine Glucose	Roche Integra 400 plus and: BSAC-SOP-066	STDC GDC
Urine	Albumin Creatinine	Roche Integra 400 plus and: BSAC-SOP-066	STDC GDC
Urine	Albumin:creatinine ratio (ACR)	Calculation	STDC GDC



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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 (cont'd)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	In house documented methods incorporating manufacturers' instructions as required	
Blood	HbA1c	Menarini 9210 boronate affinity chromatography and: BSAC-SOP-059	STDC GDC
Blood	HbA1c	Roche Cobas 513 Turbidimetric inhibition	HUB
Blood	Intra – Operative PTH	STAT Intra immunoassay and: BSAC-SOP-023	STT
Faeces	Calprotectin Elastase	Diasorin Immunoassay using Liaison XL analyser	HUB
Faeces	Faecal immunochemical test (FIT)	OC Sensor	HUB
Serum/plasma	PAPP-A Free β HCG	Documented in-house methods to meet the requirements of the Fetal Anomaly Screening Programme as defined in the July 2018 'Fetal anomaly screening: laboratory QA requirements' Brahms Kryptor Compact Plus Time Resolved Amplified Cryptate Emission (TRACE) immunofluorescent assay and: BSAC-SOP-073	STFMU
END			