


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> MEDICAL</p> <p><b>8710</b></p> <p>Accredited to ISO 15189:2012</p>	<h3>Viapath Analytics LLP</h3> <p><b>Issue No:</b> 010    <b>Issue date:</b> 09 September 2021</p>	
	<p><b>Francis House</b> 9 King's Head Yard London SE1 9NA</p>	<p><b>Contact: Beverley Crane</b> <b>Tel: +44 (0)207-1887188 ext. 50802</b> <b>Fax: +44 (0)207-1882948</b> <b>E-Mail: <a href="mailto:beverley.crane@viapath.co.uk">beverley.crane@viapath.co.uk</a></b> <b>Website: <a href="http://www.viapath.co.uk">www.viapath.co.uk</a></b></p>
<p><b>Testing performed by the Organisation at the locations specified below</b></p>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

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



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

Testing performed by the Organisation at the locations specified

**Laboratory locations:**

Location details	Activity	Location code
Diabetic Clinic Guy's Hospital Edel Treanor (tel: as above)	Biochemistry: Diabetes monitoring only	GDC
Cancer Centre Guy's Hospital Sue Woodcock (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"> <li>• Birth Centre</li> <li>• Main Theatre</li> <li>• East Wing Cardiac Theatre</li> <li>• East Wing ITU 1 and ITU6</li> <li>• AE Resus</li> <li>• Snow Fox Ward</li> <li>• Sky Ward</li> </ul>	Storage & issue of blood and blood products only
Evelina London Children's Hospital (at St. Thomas' Hospital site): <ul style="list-style-type: none"> <li>• Forest Theatre</li> <li>• Reef Theatre &amp; Recovery</li> </ul>	Storage & issue of blood and blood products only
Guy's Hospital: <ul style="list-style-type: none"> <li>• Theatres</li> <li>• GCCU</li> </ul>	Storage & issue of blood and blood products only



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**

**Issue No: 010 Issue date: 09 September 2021**

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
<b>HUMAN BODY FLUIDS</b>	<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-021 BSBT-SOP-060 BSBT-SOP-106 BSBT-SOP-107	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)	Manual using: CAT BioRad ABO and reverse grouping cards and A1 and B reagent cells and: BSBT-SOP-022	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-021 BSBT-SOP-060 BSBT-SOP-106 BSBT-SOP-107	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	Manual using: Manual BioRad CAT IAT technology, anti-IgG IAT gel cards and BioRad 3 cell antibody screening reagent cells and: BSBT-SOP-022	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-021 BSBT-SOP-060 BSBT-SOP-026 BSBT-SOP-007 BSBT-SOP-106 BSBT-SOP-107	ST G



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**

**Issue No: 010 Issue date: 09 September 2021**

**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>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	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-026 BSBT-SOP-007	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-106 BSBT-SOP-107  Manual using: CAT BioRad CAT IAT technology. Anti-IgG IAT gel cards and plain Na/Enz gel cards and: BSBT-SOP-007 BSBT-SOP-038	ST G  ST
Whole blood Red cells	Red cell antigen typing: Rh –C,E,c,e Rh –C,E,c,e, Kell –K, 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-028	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-028	G



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010    Issue date: 09 September 2021**

**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>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-025	ST G
Whole blood Red cells	Compatibility testing of patient plasma with donor cells	Automated using: CAT BioRad IH500 and: BSBT-SOP-106 BSBT-SOP-107	ST G
		Manual using: CAT BioRad Anti-IgG IAT gel cards and: BSBT-SOP-017	ST G



8710

Accredited to  
ISO 15189:2012

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Viapath Analytics LLP

Issue No: 010 Issue date: 09 September 2021

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>Haematological examinations to assist in clinical investigations</u> (cont'd)	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	Automated using: Beckman Coulter DxH 800 (Impedance technology) and: BSH-SOP-058	ST G GCC



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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>Haematological examinations for the purpose of clinical diagnosis</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood	Nucleated red cell count	Automated using: Beckman Coulter DxH 800 (Impedance technology) and: BSH-SOP-009	ST G
Whole blood	Citrate platelet count	Automated using: Beckman Coulter DxH 800 (Impedance technology) and: BSH-SOP-058	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 / 3000 and: BSH-SOP-043 followed by microscopy using: BSH-SOP-041	ST G
Whole blood	Sézary cell count	Wright-Giemsa staining using: Hematek 2000 / 3000 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



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Whole blood	Screening for Malaria parasites: <i>Plasmodium 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.	QBC screening method, density gradient layering of acridine orange-stained cells followed by microscopy using: BSH-SOP-080	ST
Whole blood	Confirmation and Identification of Malaria parasites by detection of: <i>P. falciparum</i> (HRP1) & <i>P. falciparum</i> , <i>P. vivax</i> , <i>P. malariae</i> , <i>P. ovale</i> (pan-antigen)	Immunochromogenic method using BinaxNOW and: BSH-SOP-081	ST
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
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





8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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>Haematological examinations for the purpose of clinical diagnosis (cont'd)</u>	In house documented methods incorporating manufacturers' instructions as required	
Plasma Serum	Heterophile antibodies (Infectious mononucleosis screen)	Latex agglutination using: BLOKIT Monolateral Kit and: BSH-SOP-019	ST
CSF	Presence of red cells and white cells (normal and abnormal cells)	Cyto centrifugation & May-Grunwald-Giemsa staining followed by microscopy using: BSH-SOP-008  Documented in-house methods to meet the requirements of the Sickle cell and thalassaemia screening programme as defined in the July 2018 'Sickle cell and thalassaemia screening: laboratory QA requirements'	G
Whole blood	Haemoglobinopathy screen by detection of haemoglobin variants	BioRad Variant II HPLC and: BSSH-SOP-044 Interpretation of HPLC analysis for haemoglobinopathies BSSH-SOP-041 Biorad VII maintenance and decontamination	G
Whole blood	Haemoglobinopathy screen by detection of haemoglobin variants	HPLC using Trinity Biotech Premier Hb9210 and: BSSH-SOP-083	G
Whole blood	Sickle cell solubility	S-Test Kit with visual interpretation using: BSSH-SOP-046 Sickle solubility screen	G
Whole blood	Haemoglobin H	Brilliant Cresyl Blue staining followed by microscopy using: BSSH-SOP-045 Alpha thalassaemia investigations including HbH stain	G



8710

Accredited to  
ISO 15189:2012

## Schedule of Accreditation

issued by

### United Kingdom Accreditation Service

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

### Viapath Analytics LLP

Issue No: 010 Issue date: 09 September 2021

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>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: QIA Symphony 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
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 3130 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 3130 sequencer in accordance with BSH-SLA-8 with genetics and: BSSH-SOP-062	ST



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010    Issue date: 09 September 2021**

**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>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	Large alpha & beta thalassaemia gene deletions and insertions	Multiplex Ligation-dependent Probe Amplification (MLPA) using: ABI 3130 sequencer in accordance with BSH-SLA-7 with molecular haemostasis and: BSSH-SOP-060 Large beta gene deletions and insertions by MLPA BSSH-SOP-078 Alpha gene deletions and insertions by MLPA	ST
Whole blood	G6PD screen	Trinity Biotech G6PD kit and photometry using: BSSH-SOP-081 G6PD Enzyme Assay (Pointe Scientific)	G
Whole blood	Oxygen Dissociation (P50)	Haemox analyser and: BSSH-SOP-050 P50 Oxygen dissociation	G



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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)  Whole blood Bone marrow Aspirate fluid	<u>Special Haematological examinations for the purpose of clinical diagnosis</u>  Leukaemia flow cytometry panels: Cell surface and/or intracellular B cell, T cell, myeloid, monocytic and immature progenitor antigens: Chronic panel: CD8 Kappa & lambda light chains CD4 CD5 CD79b CD20 Cd10 CD23 CD3 CD19 FMC7 CD45 CD2 CD25 CD16 CD56 CD7 CD57 Cytoplasmic markers: TdT MPO CD79a CD34 CD22 CD3 IgM	In house documented methods incorporating manufacturers' instructions as required  Immunophenotyping by Flow Cytometry using: Beckman Coulter NAVIOS and: BSSH-SOP-032 (ACUTE) BSSH-SOP-038 (SURF) BSSH-SOP-037 (INTRAS) BSSH-SOP-033 (B CELL) BSSH-SOP-034 (T CELL)	G



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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>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	Leukaemia flow cytometry panels (cont'd) Acute panel: CD64 CD33 CD56 CD117 CD34 CD123 CD19 CD3 HLA DR CD45 CD4 CD1a CD13 CD2 CD7 CD235a CD8 CD25 CD22 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 FC500 (ST) & Beckman Coulter NAVIOS (G) and: BSSH-SOP-036	ST G



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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>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



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010    Issue date: 09 September 2021**

**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>	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	Potassium (K) Sodium (Na) Chloride (Cl)	Indirect ion selective electrode (ISE)	ST G
Urine	Potassium (K) Sodium (Na) Chloride (Cl)	Indirect ion selective electrode (ISE)	ST
Serum/Plasma	Calcium Magnesium Phosphate Total protein Urate Urea Albumin Alkaline phosphatase (ALP) Alanine aminotransferase (ALT) Aspartate aminotransferase (AST) Bicarbonate Gamma-glutamyl transferase (GGT) Glucose Lactate dehydrogenase (LDH) Total Bilirubin	Colorimetric	ST G
Urine	Calcium Magnesium Phosphate Total protein Urate Urea	Colorimetric	ST



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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: Roche Cobas c8000 c702 with the measurement principle stated and: BSAC-SOP-062	
Serum/plasma Urine Miscellaneous fluids	Creatinine	Enzymatic	ST
Serum/plasma	Bile Acids	DIALAB Spectrophotometric	ST
Serum/plasma	Creatinine	Enzymatic	G
Serum/plasma	C-reactive protein (CRP) Gentamicin Vancomycin	Immunoturbidimetric	ST G
Serum/plasma	PTH	Electrochemiluminescence immunoassay	ST G
Serum/plasma	Estimated glomerular filtration rate (eGFR)	Calculation (4MDRD)	ST G
Serum/plasma	Angiotensin converting enzyme (ACE) Ammonia Amylase Beta-hydroxybutyrate (BOHB) Conjugated bilirubin Creatine kinase (CK) Ethanol HDL-cholesterol Iron Lactate Lithium LDL-cholesterol (direct) Non-esterified fatty acids (NEFA) Paracetamol Salicylate Total cholesterol	Colorimetric	ST





8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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: Roche Cobas c8000 c702 with the measurement principle stated and: BSAC-SOP-062	
Serum/plasma	Triglyceride Unsaturated iron binding capacity (UIBC)	Colorimetric	ST
Serum/plasma	Amikacin Apolipoprotein A1 Apolipoprotein B Carbamazepine Digoxin Immunoglobulin A Immunoglobulin G Immunoglobulin M Lipoprotein (a) Methotrexate Phenobarbitone Phenytoin Theophylline Valproate	Immunoturbidimetric	ST
Urine	Albumin	Immunoturbidimetric	ST
Miscellaneous fluids	Albumin Amylase Total Bilirubin Cholesterol Glucose LDH Total Protein Triglycerides Urea	Colorimetric	ST
CSF	Glucose Lactate	Colorimetric	ST



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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	
CSF	Protein	Automated using: Roche Cobas c8000 c702 with the measurement principle stated and: BSAC-SOP-062	ST
Urine	Albumin:creatinine ratio (ACR) Protein:creatinine ratio (PCR)	Immunoturbidimetric	ST
		Calculation	ST
		Automated using: Roche Cobas c8000 e602 with the measurement principle stated and: BSAC-SOP-062	ST
Serum/plasma	Ferritin Procalcitonin Troponin T (high sensitivity)	Electrochemiluminescence immunoassay	ST G



**8710**  
Accredited to  
**ISO 15189:2012**

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

**Viapath Analytics LLP**  
**Issue No: 010    Issue date: 09 September 2021**

**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
Serum/plasma	Alpha-fetoprotein (AFP) Anti-Mullerian Hormone (AMH) CA-125 CA-153 CA-199 Carcinoembryonic Antigen (CEA) Cortisol Follicle stimulating hormone (FSH) Free T3 Free T4 Human chorionic gonadotropin (HCG) Luteinising hormone (LH) N-terminal pro B-type natriuretic peptide (NT-proBNP) Oestradiol Procalcitonin Progesterone Prolactin Prostate specific antigen (PSA) Sex hormone binding globulin (SHBG ) Testosterone TSH receptor antibody (TRAb) Troponin T (high sensitivity) Thyroid stimulating hormone (TSH)	Electrochemiluminescence immunoassay	ST



8710  
Accredited to  
ISO 15189:2012

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

**Viapath Analytics LLP**  
**Issue No: 010 Issue date: 09 September 2021**

**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	
Serum/plasma Urine	Osmolality	Freezing Point Depression using: Vitech Osmometer and: BSAC-SOP-030	ST
Serum/plasma	C-peptide Collagen type 1 cross-linked C-telopeptide (CTX) Free PSA (fPSA) Insulin Procollagen type 1 N-propeptide (P1NP)	Automated using: Roche e411, electrochemiluminescence immunoassay and: BSAC-SOP-052	ST
Serum/plasma	Macroprolactin Screen	PEG precipitation and: BSAC-SOP-033	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
Blood	HbA1c	Menarini 9210 boronate affinity chromatography and: BSAC-SOP-059	STDC GDC ST
Blood	Intra – Operative PTH	STAT Intra immunoassay and: BSAC-SOP-023	STT
Serum/plasma	PAPP-A Free βHCG	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			