


# 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>8169</b></p> <p>Accredited to ISO 15189:2022</p>	<p><b>HSL (Analytics) LLP</b></p> <p><b>Issue No: 026    Issue date: 15 May 2025</b></p>	
	<p><b>Department of Blood Sciences</b></p> <p><b>The Halo Building</b></p> <p><b>1 Mabledon Place</b></p> <p><b>London</b></p> <p><b>WC1H 9AJ</b></p>	<p><b>Contact: Jacqueline Sutherland</b></p> <p><b>Tel: +44 (0) 020 307 7342</b></p> <p><b>E-Mail: jacqueline.sutherland@hslpathology.com</b></p> <p><b>Website: www.hslpathology.com</b></p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p><b>HUMAN BODY FLUIDS</b></p> <p>Serum (unless otherwise stated)</p> <p>Urine also</p> <p>Urine also</p> <p>Urine also</p> <p>Urine also</p> <p>Urine also</p>	<p><b>General Biochemistry</b></p> <p><u>Biochemical examination activities for the purposes of clinical diagnosis.</u></p> <p>Quantification of:</p> <p>Sodium</p> <p>Potassium</p> <p>Chloride</p> <p>Quantification of:</p> <p>Alanine Aminotransaminase</p> <p>Albumin</p> <p>Alkaline Phosphatase</p> <p>Alpha-1 Antitrypsin</p> <p>Amikacin</p> <p>Amylase</p> <p>Angiotensin Converting Enzyme</p> <p>Aspartate Aminotransferase</p> <p>Bicarbonate</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>Ion Sensitive Electrode method using Roche Cobas 702 SOPs BIO-MP1-8, BIO-MP1-7 &amp; BIO-MP1-37</p> <p>Photometry method using Roche Cobas 702 SOPs BIO-MP1-8, BIO-MP1-7 &amp; BIO-MP1-37</p>



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Quantification of: (cont'd)	Photometry method using Roche Cobas 702 SOPs BIO-MP1-8, BIO-MP1-7 & BIO-MP1-37
	B2 Microglobulin	
	Bile Acids	
	Bilirubin (total and conjugated)	
	Complement C3	
	Complement C4	
Urine also	Calcium	
	Carbamazepine	
	Caeruloplasmin	
	Cholesterol	
	Cholinesterase	
	Creatine Kinase	
Urine also	Creatinine (Jaffe)	
Urine and Serum	Creatinine (enzymatic)	
	C-Reactive Protein (CRP)	
	CRP (High Sensitivity)	
Urine also	Ethanol	
	Fructosamine	
	Gentamicin	
	Gamma Glutamyl Transferase	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	Photometry method using Roche Cobas 702 SOPs BIO-MP1-8, BIO-MP1-7 & BIO-MP1-37
	Quantification of: (cont'd)	
	Glutamate dehydrogenase	
CSF & urine also	Glucose	
	Haptoglobin	
	HDL Cholesterol	
	IgG	
	IgA	
	IgM	
	Iron	
CSF & plasma only	Lactate	
	Lactate Dehydrogenase	
	Lipase	
	Lipoprotein (a)	
	Lithium	
Urine also	Magnesium	
	Phenytoin	
Urine also	Phosphate	
	Rheumatoid Factor	
	Theophylline	
Urine and CSF also	Total Protein	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	Photometry method using Roche Cobas 702 SOPs BIO-MP1-8, BIO-MP1-7 & BIO-MP1-37
	Quantification of: (cont'd)	
	Transferrin	
	Triglyceride	
	Teicoplanin	
Urine also	Urate	
Urine also	Urea	
	Unsaturated Iron Binding Capacity	
	Valproate	
	Vancomycin	
	Examination activities for the purposes of clinical diagnosis.	
Urine	Quantification of:	Photometry method using Roche Cobas 702 SOPs BIO-MP1-8, BIO-MP1-7 & BIO-MP1-37
	Amphetamine	
	Barbiturates	
	Benzodiazepine	
	Cannabinoids	
	Cocaine	
	Cotinine	
	Methadone	
	Opiates	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Serum (unless otherwise stated) (cont'd)</p> <p>Plasma only</p>	<p><b>General Biochemistry</b> (cont'd)</p> <p><u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)</p> <p>Quantification of: (cont'd)</p> <p>Adrenocorticotrophic Hormone</p> <p>Alpha-Fetoprotein</p> <p>Anti-Mullerian Hormone</p> <p>Anti-Thyroglobulin antibodies</p> <p>Beta-Human Chorionic Gonadotrophin</p> <p>CA125</p> <p>CA153</p> <p>CA199</p> <p>Calcitonin</p> <p>Carcinoembryonic Antigen</p> <p>Creatine Kinase MB</p> <p>Cortisol</p> <p>Dehydroepiandrosterone Sulphate</p> <p>Digoxin</p> <p>Oestradiol</p> <p>Ferritin</p> <p>Folate</p> <p>Follicle Stimulating Hormone</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>Immunoassay methods using Roche Cobas e801 SOPs BIO-MP1-8, BIO-MP1-7 &amp; BIO-MP1-37</p>



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Quantification of: (cont'd)	Immunoassay methods using Roche Cobas e801 SOPs BIO-MP1-8, BIO-MP1-7 & BIO-MP1-37
	Human Chorionic Gonadotrophin (free)	
	Prostate Specific Antigen (free & total)	
	FT3	
	FT4	
	Growth Hormone	
	IgE	
	Insulin	
	Luteinising Hormone	
	Macroprolactin (PEG Precipitation)	SOP BIO-MP1-45
	Myoglobin	
	NT-Pro B-Type Natriuretic Peptide	
	Pregnancy Associated Plasma Protein (PAPP-A)	
	Progesterone	
	Prolactin	
	Parathyroid Hormone	
	Procalcitonin	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated) (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Quantification of: (cont'd)	Immunoassay methods using Roche Cobas e801 SOPs BIO-MP1-8, BIO-MP1-7 & BIO-MP1-37
	Sex Hormone-Binding Globulin	
	T3 (total)	
	T4 (total)	
	Testosterone	
	Thyroglobulin	
	Thyroid Stimulating Hormone	
	Troponin T (High Sensitivity)	
	Vitamin B12	
	25-hydroxy Vitamin D	
	Thyroid Peroxidase Antibody	
	Quantification of:	Immunoassay using Abbott Architect i2000SR; SOPs BIO-MP1-10
	CA125	
	HE4	
Serum/EDTA	Homocysteine	
	ROMA	
Whole Blood EDTA	Red Cell Folate	
	Troponin I (High Sensitivity)	
	Vitamin B12 (Active)	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
Urine	Biochemistry Calculated Parameters:	By calculation using Cobas c702 SOP-MP1-16-Q-1
	<u>Albumin:Creatinine ratio</u>	
	Anion Gap	
	Corrected Calcium	
Urine also	Creatinine Clearance	
	LDL Cholesterol	
	eGFR	
Urine	Protein : Creatinine Ratio	
Urine also	Renal Tubular reabsorption of Phosphate	
	Total Iron Binding Capacity	
	Transferrin Saturation	
Urine and Serum	Creatinine Clearance	By calculation in Middleware LIMS
Calculation	eGFR	By calculation in Middleware LIMS
Urine also	Osmolality	Freezing Point Depression using Vitech Osmometer SOP BIO-MP1-14
Serum	Amyloid A	Immunoassay using Siemens BNII SOP MCH-MP2-2
	Apolipoproteins A1 & B	SOP MCH-MP2-4





8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Alpha-1 Antitrypsin Phenotyping	SOP MCH-MP2-42 (focussing method)
	Alkaline Phosphatase Isoenzymes	SOP MCH-MP2-10
Faeces	Calprotectin	Latex agglutination turbidimetric assay using OC-Sensor Pledia SOP BIO-MP1-48
Plasma	Chromogranin A	ELISA using Dynex DS2 and Euro Diagnostica kit SOP MCH-MP2-46
EDTA Whole Blood	Ciclosporin A Tacrolimus Sirolimus	LCMSMS using Shimadzu 8050 SOP MCH-MP2-13
Serum/urine	<u>Trace Metals</u>	NexION 1000 ICP-MS SOP MCH-MP2-68
	Copper Zinc Selenium	
Whole Blood Whole Blood	Chromium Cobalt	NexION 1000 ICP-MS SOP MCH-MP2-69
Urine	Metanephrines / Metadrenalines: Metanephrine Normetanephrine 3-Methoxytyramine	HPLC using Shimadzu Prominence SOP MCH-MP2-6
	5-Hydroxyindoleacetic acid (5HIAA)	SOP MCH-MP2-7



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>General Biochemistry</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
Serum	IgG Subclasses (IgG 1-4)	Immunoassay using Binding Site Optilite SOP MCH-MP2-55 & MCH-MP2-31
Serum	Enhanced Liver Fibrosis: Procollagen 3 Amino terminal peptide (P3NP) Hyaluronic acid (HA) Tissue inhibitor of metalloproteinase (TIMP-1)	Siemens Atellica IM analyser using chemiluminescent technology SOP BIO-MP1-51
Serum	Erythropoietin	Siemens Atellica IM analyser using chemiluminescent technology SOP BIO-MP1-51
Serum/ Plasma / Whole Blood	Active B12	Immunoassay on Abbott Alinity I using CMIA SOP BIO-MP1-55
	CA 125	
	HE4	
	Homocysteine	
	High sensitivity Troponin I	
	Red Cell Folate	
	ROMA Score (calculated using HE4 and CA 125)	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<b>Virology</b> <u>Examination activities for the purposes of clinical diagnosis.</u>	In house documented procedures based on equipment manuals and standard methods as specified:  Documented in-housed methods to meet the requirements of the of Infectious Diseases in Pregnancy Screening programme as defined in the 'Infectious Diseases in Pregnancy Screening Programme: laboratory QA evidence requirements'
Serum / Plasma (unless otherwise stated)	Quantification of:  Hepatitis A Total & IgM  Hepatitis B Core Total Antibody  Hepatitis B Envelope Antigen  Hepatitis B Envelope Antibody  Hepatitis B Surface Antigen  Hepatitis B Surface Antibody  Hepatitis C antibody  HIV 1 & 2 Antibody and p24 Antigen  Syphilis Total Antibody	Immunoassay using Roche Cobas e801 SOPs BIO-MP1-8, BIO-MP1-7, BIO-MP1-37
Venous samples in serum tube	SARS-CoV-2 (COVID-19) spike total antibody (quantitative)	Elecsys SARS-CoV-2 S kit using Roche Cobas e801 SOP BIO-MP1-8
Serum / Plasma (unless otherwise stated)	HIV 1 & 2 Antibody and p24 Antigen	Multiplex Flow Immunoassay using Bio-Rad Bioplex SOP IMM-MP1-17



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Virology (cont'd)</b> <u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum / plasma (unless otherwise stated)	Detection of:	Immunoassay using Abbott Architect i2000SR SOPs BIO-MP1-10
	Cytomegalovirus (CMV) IgM & IgG	
	Hepatitis B Core IgM	
	Hepatitis B Surface Antigen (quantitation)	
Serum & plasma	Hepatitis C antigen	
	Human T-Cell Lymphotropic Virus (HTLV) I / II Antibody	
	Rubella IgM & IgG	
	Toxoplasma IgM & IgG	
Serum & plasma	HIV-1 p24 Antigen and HIV-1 / HIV-2 Antibodies	Abbott Architect HIV Ag/Ab Combo
Serum & plasma	TPHA	New Bio Manual Agglutination SOP IMM-MP2-46
Serum & plasm	TPHA	Fortress Diagnostics Manual Agglutination SOP IMM-MP2-46
Plasma	TB Interferon Gamma	TB Quantiferon assay using commercial kits and DiaSorin Liasion analyser SOP IMM-MP1-8, IMM-MP1-18



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Virology (cont'd)</b>	In house documented procedures based on equipment manuals and standard methods as specified:
Serum / Plasma (unless otherwise stated) (cont'd)	<u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Borrelia IgM & IgG	Chemiluminescence using Diasorin Liaison XL
	Epstein Barr Virus VCA IgM	SOP IMM-MP1-8,
	EBNA IgG	SOP IMM-MP1-23
	EBV VCA-IgG	SOP IMM-MP1-24
	Hepatitis B Core Antibody	SOP IMM-MP1-35
	Hepatitis B Surface Antigen	SOP IMM-MP1-25
	Hepatitis Delta Total Antibodies	SOP IMM-MP1-22
	Herpes Simplex Virus (HSV) 1 & 2 IgG (combined)	SOP IMM-MP1-27
	Herpes Simplex Virus (HSV) 1 & 2 IgM (combined)	SOP IMM-MP1-27
	Herpes Simplex Virus (HSV) 1 IgG	SOP IMM-MP1-28
	Herpes Simplex Virus (HSV) 2 IgG	SOP IMM-MP1-28
Faeces	Helicobacter Pylori Antigen	SOP BIO-MP1-50
Plasma / Serum	Rapid Plasma Reagin (RPR)	Manual RPR flocculation test using New Bio commercial kit SOP IMM-MP2-46



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Virology (cont'd)</b>	In house documented procedures based on equipment manuals and standard methods as specified:
Serum / Plasma (unless otherwise stated) (cont'd)	<u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Detection of:	Chemiluminescence using Diasorin Liaison XL SOP IMM-MP1-8
	Insulin-Like Growth Factor 1	SOP IMM-MP1-8
	Measles IgM & IgG	SOP IMM-MP1-30
	Mumps IgM & IgG	SOP IMM-MP1-31
	Mycoplasma IgM & IgG	SOP IMM-MP1-32
	Parvovirus IgM & IgG	SOP IMM-MP1-33
	Varicella Zoster Virus IgM & IgG	SOP IMM-MP1-34
	CMV IgG Avidity	SOP IMM-MP1-37
	Hepatitis C Antibody	SOP IMM-MP1-26
Serum only	CMV Avidity	Immunoassay using Biomerieux Vidas 3 SOP IMM-MP2-25, IMM-MP2-69
Serum only	Borrelia IgM & IgG	SOP IMM-MP2-61
	HIV 1 & 2 Antibody and p24 Antigen	HIV 6 Duo Quick assay SOP IMM-MP2-43
Serum only	Syphilis	RPR using AIX-1000 SOP IMM-MP2-4, IMM-MP2-46



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<b>Immunology</b>	In house documented procedures based on equipment manuals and standard methods as specified:
Serum / plasma (unless otherwise stated)	<u>Examination activities for the purposes of clinical diagnosis.</u>	
	Quantification of:	Immunoassay using Thermo Phadia 250 Immunocap
	Specific IgG4	SOP IMM-MP1-11 SOP IMM-MP1-15
	Mast Cell Tryptase	SOP IMM-MP1-10
	Specific IgE and IgG	SOP IMM-MP1-11
Serum / plasma (unless otherwise stated)	Quantification of:	Immunoassay using Thermo Phadia 2500 Immunocap
	Allergen Specific IgE	SOP IMM-MP1-14
	Gliadin IgG & IgA	SOP IMM-MP1-16
	Tissue Transglutaminase IgA	SOP IMM-MP1-1
	Extractable Nuclear Antigen IgG	SOP IMM-MP1-6
	Sm IgG	SOP IMM-MP1-6
	Jo-1 IgG	SOP IMM-MP1-6
	Ro (SSA) IgG	SOP IMM-MP1-6
	La (SSB) IgG	SOP IMM-MP1-6
	CENP-B IgG	SOP IMM-MP1-6
	U1-RNP-IgG	SOP IMM-MP1-6
	Scl-70 IgG	SOP IMM-MP1-6
	Cyclic Citrullinated Protein IgG	SOP IMM-MP1-12
	Myeloperoxidase IgG	SOP IMM-MP1-3
	Proteinase 3 IgG	SOP IMM-MP1-3
	dsDNA IgG	SOP IMM-MP1-2
	Beta-2 Glycoprotein IgM & IgG	SOP IMM-MP1-7



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Immunology</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum / plasma (unless otherwise stated) (cont'd)	<u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
	Quantification of: (cont'd)	Immunoassay using Thermo Phadia 2500 Immunocap SOP IMM-MP1-14 SOP IMM-MP1-13
	Glomerular Basement Membrane IgG	
	Mitochondrial M2 IgG	IMM-MP1-14, IMM-MP1-19
	Fibrillarin (U3RNP) IgG	IMM-MP1-14, IMM-MP1-20
Serum (unless stated)	Quantification of:	Immunofluorescence using Grifols / Aesku Helios SOP IMM-MP2-1 with use of the following kits and SOPs:
	Antinuclear Antibodies - IgG	AESKU (Grifols) – SOP IMM-MP2-2
	Anti-Neutrophil Cytoplasmic Antibodies - IgG	AESKU (Grifols) – SOP IMM-MP2-53
	Endomysial IgA	AESKU (Grifols) – SOP IMM-MP2-20
	ds DNA IgG (Crithidia)	AESKU (Grifols) – SOP IMM-MP2-3
	Gastric Parietal Cell IgG	AESKU (Grifols) – SOP IMM-MP2-3
	Liver Kidney Microsomal IgG	AESKU (Grifols) – SOP IMM-MP2-3
	Mitochondrial IgG	AESKU (Grifols) – SOP IMM-MP2-3
	Skin IgG (Pemphigus & Pemphigoid)	AESKU (Grifols) – SOP IMM-MP2-3
	Smooth muscle IgG	Biodiagnostics – SOP IMM-MP2-3
	Adrenal Gland IgG	Biodiagnostics - SOP IMM-MP2-3
	Chlamydia IgM & IgG	SeroFIA Savyon (Launch) – SOP IMM-MP2-24
	Islet Cell IgG	Biodiagnostics - SOP IMM-MP2-3
	Legionella IgG	Vircell (Quest Biomedical) – SOP IMM-MP2-23
	Ovarian IgG	Biodiagnostics - SOP IMM-MP2-3





8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Immunology</b> (cont'd)	
	<u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	
Serum (unless stated)	Quantification of:	Immunofluorescence using Grifols / Aesku Helios SOP IMM-MP2-1 with use of the following kits and SOPs:
	Striated Muscle IgG	AESKU (Grifols) – SOP IMM-MP2-3
Serum	<u>Scleroderma Immunoblot:</u>	Immunoassay using EuroblotOne analyser with reference to the following SOPs:
	Antibodies against:	SOP IMM-MP2-73, IMM-MP2-21
	Scl-70 CENP A CENP B RP11 RP155 Fibrillarin NOR90 Th/To PM-Scl100 PM-Scl75 Ku PDGFR Ro-52	
	<u>Liver Immunoblot</u>	Immunoassay using EuroblotOne analyser with reference to the following SOPs:
Serum	Antibodies against:	SOP IMM-MP2-54, IMM-MP2-73
	AMA-M2 M2-3E (BPO) Sp100 PML gp120 LKM-1 LC-1 SLA/LP Ro-52	



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Immunology</b> (cont'd)	
	<u>Examination activities for the purposes of clinical diagnosis.</u> (cont'd)	Immunoassay using EuroblotOne analyser with reference to the following SOPs:
	<u>Myositis Immunoblot</u>	
Serum	Antibodies against:	SOP IMM-MP2-58, IMM-MP2-73
	Mi-2 alpha	
	Mi-2 beta	
	TIF1-gamma	
	MDA5	
	NXP2	
	SAE1	
	Ku	
	PM-Scl100	
	PM-Scl75	
	Jo-1	
	SRP	
	PL-7	
	PL-12	
	EJ	
	OJ	
	Ro-52	
Serum	Quantification of:	ELISA (automated) using commercial kits and Dynex Agility analyser SOP IMM-MP2-62
	Anti-Cardiolipin IgM & IgG	Orgentec – SOP IMM-MP2-13
	Hepatitis E IgM and IgG	Fortress Diagnostics – SOP IMM-MP2-56
	Helicobacter pylori IgG	Premier – SOP IMM-MP2-26
	Intrinsic Factor IgG	Orgentec – SOP IMM-MP2-8
	TB Interferon Gamma	TB Quantiferon assay - SOP IMM-MP2-27
	Haemophilus influenzae type b antibody	Binding site VaccZyme - SOP IMM-MP2-14
	Pneumococcal C.P. Antibodies	Binding site VaccZyme - SOP IMM-MP2-18



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Immunology</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (cont'd)	<u>Examination activities for the purposes of clinical diagnosis</u> (cont'd)	
	Quantification of: (cont'd)	ELISA (automated) using commercial kits and Dynex Agility analyser SOP IMM-MP2-62
	Tetanus Toxoid Antibodies	Binding Site VaccZyme – SOP IMM-MP2-19
	RNA Polymerase Antibodies	QUANTA Lite III – SOP IMM-MP2-15
Serum / plasma (unless stated)	Quantification of:	ELISA (manual) using the following kits:
	TSH receptor antibodies	RSR SOP IMM-MP2-22
Serum / plasma (unless stated)	Quantification of:	Radial immunodiffusion (manual) using Binding Site kit
	C1 Esterase Inhibitor	Immunonephelometry on Siemens BNII MCH-MP2-70
Serum	ALEX Allergen Specific IgE	Multi Array Xplorer (MAX) 45K analyser IMM-MP2-68



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Immunology</b> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:
Serum (unless otherwise stated)	<u>Examination activities for the purposes of clinical diagnosis</u> (cont'd).	
	Specific IgE	Immuno Solid Phase Allergy Chip and Luxscan scanner SOP IMM-MP2-6
	Rheumatoid Factor	Latex agglutination using Rheumajet SOP IMM-MP2-28
	Anti-Streptolysin O	Latex agglutination using Rheumajet SOP IMM-MP2-29
	Herpes (HSV) 1& 2 Type specific IgG	Immunoblot using Focus Diagnostics Herpesselect 1&2 immunoblot IgG kit SOP IMM-MP2-10



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<b>Haematology / Flow Cytometry</b>	In house documented procedures based on equipment manuals and standard methods as specified:
Peripheral Blood	Haematology / Immunology examination activities for the purposes of clinical diagnosis.  Lymphocyte subsets CD19 Natural Killer cells	Flow cytometry using Beckman Coulter Aquios SOP FFC-MP2-3
Bone Marrow, Peripheral Blood, CSF, Pleural Fluid, Ascitic Fluid	Acute Leukaemia Screen:  Detection of:  <u>Acute Primary</u>  CD3 CD7 CD34 CD33 CD10 CD117 CD20 CD19 HLADR CD45  <u>Acute Intracellular</u>  TPT MPO CD34 CD79a CD3 CD45  <u>Acute Myeloid</u>  CD11b CD18 CD34 CD13 CD33 CD117 CD56 CD2 CD15 CD45	Flow cytometry using DuraClone kit with Beckman Coulter T-Q Prep, Navios & microscopy SOP FFC-MP2-24, FFC-MP2-8, FFC-MP2-6, FFC-MP2-4



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Bone Marrow, Peripheral Blood, CFS, Pleural Fluid, Ascitic Fluid (cont'd)</p>	<p><b>Haematology / Flow Cytometry (cont'd)</b></p> <p>Haematology / Immunology examination activities for the purposes of clinical diagnosis. (cont'd)</p> <p>Acute Leukaemia Screen: (cont'd)</p> <p>Detection of: (cont'd)</p> <p><u>Acute B-Lymphoid</u></p> <p>Kappa Lambda CD34 CD13 CD10 CD79b CD38 CD19 CD22</p> <p><u>Chronic B-Lymphoid</u></p> <p>Kappa Lambda CD10 CD25 (stacked tube) CD103 CD5 CD19 FMC7 CD45 CD22 CD79b</p> <p><u>Chronic T-Lymphoid</u></p> <p>CD4 CD8 CD3 CD56 CD7 CD16 CD2 CD57 CD45</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>Flow cytometry using DuraClone kit with Beckman Coulter T-Q Prep, Navios &amp; microscopy SOP FFC-MP2-24, FFC-MP2-8, FFC-MP2-6, FFC-MP2-4</p>



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Bone Marrow, Peripheral Blood, CFS, Pleural Fluid, Ascitic Fluid (cont'd)</p>	<p><b>Haematology / Flow Cytometry (cont'd)</b></p> <p><u>Haematology / Immunology examination activities for the purposes of clinical diagnosis.</u> (cont'd)</p> <p>Acute Leukaemia Screen: (cont'd)</p> <p>Detection of: (cont'd)</p> <p><u>Chronic Screen</u></p> <p>CD8/Kappa CD4/Lambda CD5 CD14 CD33 CD23 CD20 CD56 CD34 CD19 CD10 CD3 CD45</p> <p><u>Acute T lymphoid</u></p> <p>CD1a CD7 CD34 CD13 CD16 CD4 CD5 CD2 CD8 CD45</p>	<p>In house documented procedures based on equipment manuals and standard methods as specified:</p> <p>Flow cytometry using DuraClone kit with Beckman Coulter T-Q Prep, Navios &amp; microscopy SOP FFC-MP2-24, FFC-MP2-8, FFC-MP2-6, FFC-MP2-4</p>



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Haematology</b>	In house documented procedures based on equipment manuals and standard methods as specified:
EDTA Blood	Haematological examination activities for the purposes of clinical diagnosis.	
	Full Blood Count:	Sysmex XN10 & XN20 with reference to the following methods: SOP HAE-MP1-2, HAE-60RR-3,
	White blood cells, neutrophils, lymphocytes, eosinophils, monocytes, basophils, nucleated red blood cells	by fluorescence flow cytometry
	Red blood cells, platelets	by impedance
	Haemoglobin	by SLS photometry
	Mean cell volume, mean cell haemoglobin, mean cell haemoglobin concentration, red cell distribution width, immature platelet fraction	by calculation
EDTA Whole Blood	Reticulocytes	Flow cytometry using Sysmex XN10 SOP HAE-60RR-3
EDTA Blood	Blood film morphology (including malaria)	Sysmex SP50 Automated Blood Film Maker and Stainer using May Grunwald Giemsa stain SOP HAE-60RR-50, HAE-MP1-7, HAE-MP1-8, HAE-MP1-1
EDTA Blood	Erythrocyte sedimentation rate	Starrsed Interrliner (automated) SOP HAE-MP1-9
EDTA Blood	Erythrocyte sedimentation rate	Manual method using Dispettes SOP HAE-60RR-16
EDTA Blood	Glycated Haemoglobin HbA1c	Ion-exchange HPLC using TOSOH G11 SOP HAE-60RR-4
EDTA Blood	Glycated Haemoglobin (Boronate Affinity A1c)	Boronate Affinity using Menarini Hb9210 SOP SHAE-MP2-6





8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Haematology (cont'd)</b> Haematological examination activities for the purposes of clinical diagnosis. (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified:  Documented in-house methods to meet the requirements of the Sick cell and Thalassaemia screening programme, as defined in the as defined in the Sick cell and Thalassaemia screening programme: laboratory QA evidence requirements
Serum / Plasma	Detection of Infectious Mononucleosis Heterophile Antibody	Agglutination using BioKit Monolates Rapid test SOP HAE-60RR-14
Plasma	Coagulation:  Prothrombin Time International Normalised ratio Activated Partial Thromboplastin Time (APTT) APTT ratio Fibrinogen Thrombin D-Dimer	By light absorption using Sysmex CS5100 SOPs COAG-RF-1-113, HAE-MP1-3
Bone Marrow & Urine	Haemosiderin	Sigma Iron Stain kit followed by microscopy SOP FFC-MP2-7
Bone marrow aspirate	Film assessment & cell differential	MGG Staining kit with Sysmex RAL Stainer followed by microscopy SOP FFC-MP2-6
EDTA Blood	Detection of Sick cell Abnormal haemoglobin	Manual method using which Helena HBS Solubility kit SOP HAE-60RR-13
EDTA / Lithium Heparin	Identification and quantitation of Haemoglobin variants  Identification of Haemoglobin variants	Capillary electrophoresis using Sebia Capillarys 2 SOP SHAE-MP2-2  HPLC using Menarini Hb9210 SOP SHAE-MP2-3



8169  
Accredited to  
ISO 15189:2022

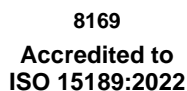
**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Haematology (cont'd)</b> <u>Haematological examination activities for the purposes of clinical diagnosis. (cont'd)</u>	In house documented procedures based on equipment manuals and standard methods as specified:
EDTA Blood	Eosin 5-maleimide (Hereditary Spherocytosis Detection)	Flow Cytometry using Beckman Coulter Navios SOP SHAE-MP2-5
EDTA / Lithium Heparin	G6PD Quantitation	Spectrophotometry using Pointe Scientific kit and Shimadzu UV-1800 Spectrophotometer SOP SHAE-MP2-7
EDTA / Lithium Heparin	Pyruvate Kinase	Spectrophotometry using Shimadzu UV-1800 Spectrophotometer SOP SHAE-MP2-8



**issued by**

**United Kingdom Accreditation Service**

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

**HSL (Analytics) LLP**

**Issue No: 026   Issue date: 15 May 2025**

**Testing performed at main address only**



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Manual Biochemistry (cont'd)</b>	In house documented procedures based on equipment manuals and standard methods as specified below:
Urine (cont'd)	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)  Quantification of: (cont'd)  Steroid profile: (cont'd)  6-hydroxy-20alphacortolone 6-hydroxy-20beta-cortolone 1-hydroxy-20beta-cortolone 15,17-dihydroxypregnanolone Oestriol 3,16, 17-trihydroxy-5-pregnane-7,20-dione 6-hydroxy-tetrahydro-11-deoxycortisol	Gas chromatography mass spectrometry using Shimadzu TQ 8040 with reference to:  SOP MCH-MP2-41
Plasma / Serum	17-Hydroxyprogesterone	SOP MCH-MP2-54
Plasma	Metanephrines / Metadrenalines: Normetanephrine Metanephrine 3-Methoxytyramine	SOP MCH-MP2-26
Serum	Androstenedione	SOP MCH-MP2-54



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Manual Biochemistry (cont'd)</b> <u>Biochemical examination activities for the purposes of clinical diagnosis. (cont'd)</u>	In house documented procedures based on equipment manuals and standard methods as specified below:
Urine	Oxalate & Citrate	Spectrophotometry using Randox RX Daytona SOPs MCH-MP2-61, MCH-MP2-64 & MCH-MP2-65
Urine	Oxalate & Citrate	Spectrophotometry using IL Aries SOPs MCH-MP2-19, MCH-MP2-20 & MCH-MP2-22
Plasma	Oxalate	Spectrophotometry using Randox RX Daytona SOP MCH-MP2-61, MCH-MP2-63,
Plasma	Oxalate	Spectrophotometry using IL Aries SOPs MCH-MP2-19, MCH-MP2-21



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	<b>Manual Biochemistry (cont'd)</b>	In house documented procedures based on equipment manuals and standard methods as specified below:
Urine	<u>Biochemical examination activities for the purposes of clinical diagnosis.</u> (cont'd)  Primary hyperoxaluria metabolites:  Glycolate Glycolate: creatinine ratio Glycerate Glycerate: creatinine ratio Dihydroxyglutarate (DHG) DHG: creatinine ratio	SOP MCH-MP2-25 by liquid chromatography – mass spectrometry using Shimadzu 8060
Renal calculi	Qualitative and semi-quantitative detection of organic and inorganic compounds	Fourier Transform Infrared Spectroscopy using Thermo Nicolet iS10 SOP MCH-MP2-24
Serum	Detection of normal and abnormal protein fractions and electrophoretic patterns	Capillary zone electrophoresis using Sebia Capillarys 3 SOP BIO-MP1-13
Serum	Quantitation of Paraproteins	SOP BIO-MP1-13  Agarose gel electrophoresis and immunofixation using Sebia Hydrasys 2 SOP MCH-MP2-9 with reference to:
Serum / Urine	Detection of paraproteins and bence jones proteins (immunofixation)	SOP MCH-MP2-32
Urine	Quantitation of Bence Jones protein (electrophoresis)	SOP MCH-MP2-12
Serum & plasma	Lipoprotein electrophoresis (floating beta)	Lipid gel electrophoresis using Sebia Hydrasys 2 and floating beta-lipoprotein assay SOP MCH-MP2-56



8169  
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

**HSL (Analytics) LLP**

**Issue No: 026 Issue date: 15 May 2025**

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (as stated)	<b>Other Protein Biochemistry</b>  Biochemical examination activities for the purposes of clinical diagnosis.  Quantification of:	In house documented procedures based on equipment manuals and standard methods as specified below:
Serum	Detection / quantification of cryoglobulins	SOP MCH-MP2-40
Serum	Creatine kinase isoenzymes	SOP MCH-MP2-11
Serum	Free light chains	Immunoturbidimetry using Optilite SOP MCH-MP2-31 and MCH-MP2-33
Serum	Prealbumin (transthyretin)	Turbidimetry using Optilite MCH-MP2-66
Urine	Total porphyrins / porphobilinogen	Spectrophotometry using Shimadzu UV-1800 SOP MCH-MP2-37, MCH-MP2-38
CSF	Haem pigments (xanthochromia)	Spectrophotometry using Shimadzu UV-1800 Spectrophotometer SOP MCH-MP2-34
Urine	Reducing substances	by colourimetry using Benedicts solution SOP MCH-MP2-39
Urine	Cystine and homocystine	using manual colourimetric method SOP MCH-MP2-14
Faeces	Faecal haemoglobin	Latex-enhanced turbidimetry using OC-Sensor Pledia SOP BIO-MP1-48
END		