


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9301 Accredited to ISO 15189:2022</p>	<b>SYNLAB Laboratory Services Ltd trading as Seren Laboratory Services</b>	
	<b>Issue No: 018</b>	<b>Issue date: 16 December 2025</b>
<b>Gavenny Court Brecon Road Abergavenny Monmouthshire NP7 7RX Wales</b>	<b>Contact: Andrew Hicks Tel: +44 (0)1873 856688 E-Mail: Andrew.Hicks@forensicsuk.euofins.com Website: www.sls-lab.co.uk</b>	
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Biochemistry examinations for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures
	Quantification of:	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-3 Chemistry modules by the following principles:
Serum / plasma Capillary Plasma	Albumin	Colourimetric bromocresol purple
Serum / plasma Capillary Plasma	Alkaline Phosphatase	IFCC
Serum / plasma Capillary Plasma	ALT	IFCC
Serum / plasma Capillary plasma	AST	IFCC
Serum / plasma	Direct Bilirubin	Colourimetric, Diazo
Serum / plasma Capillary plasma	Total Bilirubin	Colourimetric Diazo
Serum / plasma Capillary plasma	Calcium	Arsenazo III (colourimetric)
Serum / plasma Capillary plasma	Cholesterol	Enzymatic, Cholesterol esterase
Serum / plasma	Bicarbonate	Carboxylase (enzymatic)



9301

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

### SYNLAB Laboratory Services Ltd trading as Seren Laboratory Services

Issue No: 018 Issue date: 16 December 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)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	Using manufacturer's instructions and documented in-house procedures
	Quantification of: (cont'd)	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-3 Chemistry module by the following principles:
Serum / Plasma Capillary plasma	CK	N-acetyl-L-Cysteine
Serum / plasma Capillary plasma	Creatinine	Enzymatic, Creatinase 4aminophenazone,
Serum / plasma Capillary plasma	CRP	Particle enhanced immunoturbidimetric, Latex particles with anti-CRP
Capillary plasma Serum / plasma	High sensitivity CRP	Particle enhanced immunoturbidimetric assay with latex particles
Serum / plasma Capillary Plasma	GGT	IFCC
Plasma	Glucose	Enzymatic UV, NADP →NADPH, hexokinase
Serum / plasma Capillary plasma	HDL	Accelerator Selective Detergent
Serum / plasma Capillary plasma	Iron	Colourimetric, Ferene,
Serum / plasma	Na, K, Cl	ISE, Indirect
Capillary plasma	Na, Cl	ISE, Indirect
Serum / plasma	LDH	IFCC
Serum / plasma Capillary plasma	Phosphate	Phosphomolybdate (Colourimetric)



9301

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

### SYNLAB Laboratory Services Ltd trading as Seren Laboratory Services

Issue No: 018 Issue date: 16 December 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)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	Using manufacturer's instructions and documented in-house procedures
	Quantification of: (cont'd)	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-3 Chemistry module by the following principles:
Serum / plasma Capillary plasma	Magnesium	Dehydrogenase (enzymatic)
Serum / plasma Capillary plasma	Total Protein	Colourimetric, Biuret
Serum / plasma Capillary plasma	Triglyceride	Glycerol-P-oxidase (enzymatic)
Capillary plasma Serum / plasma	Transferrin	Immunoturbidimetric assay
Capillary plasma Serum / plasma	Unsaturated Iron Binding Capacity (UIBC)	Colourimetric, Ferene
Serum / plasma Capillary Plasma	Urate	Enzymatic colourimetric, uricase 4 aminophenazone
Serum / plasma Capillary Plasma	Urea	Enzymatic kinetic, Urease NADH → NAD
	Quantification of:	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-4, Immunoassay module by the following principles:
Serum / plasma Capillary plasma	Vitamin B12	Chemiluminescence
Serum / plasma Capillary plasma	Active Vitamin B12	Chemiluminescence
Serum/Plasma Capillary plasma	Folate	Chemiluminescence
Serum / plasma Capillary plasma	Ferritin	Chemiluminescence



9301

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

### SYNLAB Laboratory Services Ltd trading as Seren Laboratory Services

Issue No: 018 Issue date: 16 December 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)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	Using manufacturer's instructions and documented in-house procedures
	Quantification of:	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-4, Immunoassay module by the following principles:
Serum / plasma Capillary plasma	Total PSA	Chemiluminescence
Serum / plasma Capillary plasma	Free PSA	Chemiluminescence
Serum / plasma Capillary plasma	TSH	Chemiluminescence
Serum / plasma Capillary plasma	Free T3	Chemiluminescence
Serum / plasma Capillary plasma	Free T4	Chemiluminescence
Serum / plasma Capillary plasma	Testosterone	Chemiluminescence
Capillary plasma Serum / plasma	Vitamin D	Chemiluminescence
Serum / plasma Capillary plasma	AFP	Chemiluminescence
Serum / plasma Capillary plasma	CA125	Chemiluminescence
Serum / plasma Capillary plasma	CA199	Chemiluminescence
Serum / plasma Capillary plasma	CEA	Chemiluminescence
Serum / plasma Capillary plasma	Cortisol	Chemiluminescence



9301

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

### SYNLAB Laboratory Services Ltd trading as Seren Laboratory Services

Issue No: 018 Issue date: 16 December 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)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	Using manufacturer's instructions and documented in-house procedures
	Quantification of:	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-4, Immunoassay module by the following principles:
Serum / plasma Capillary plasma	Follicle stimulating hormone (FSH)	Chemiluminescence
Serum / plasma Capillary plasma	Luteinising hormone (LH)	Chemiluminescence
Serum / plasma Capillary plasma	Oestradiol	Chemiluminescence
Serum / plasma Capillary plasma	Progesterone	Chemiluminescence
Serum / plasma Capillary plasma	Prolactin	Chemiluminescence
Serum / plasma Capillary plasma	Sex hormone binding globulin (SHBG)	Chemiluminescence
Serum / plasma Capillary plasma	Anti-Thyroid peroxidase antibody	Chemiluminescence
	Biochemistry calculated tests:	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-3, PAT-ALI-4 Chemistry and Immunoassay modules:
	Adjusted Calcium	
	Globulin	
	Cholesterol (LDL)	
	Free testosterone	
	Free androgen index	



9301

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

### SYNLAB Laboratory Services Ltd trading as Seren Laboratory Services

Issue No: 018 Issue date: 16 December 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)	<u>Biochemistry examinations for the purpose of clinical diagnosis</u> (cont'd)	Using manufacturer's instructions and documented in-house procedures
EDTA anticoagulated Blood	HbA1c	Tosoh G11 HPLC SOP 13.00293
Urine	Chemical Urinalysis for the following parameters: Protein Blood Leucocytes Nitrite Glucose Ketones pH Bilirubin Specific Gravity Urobilinogen	Siemens Multistix manual test SOP 5.01050
Faeces	Haemoglobin	HMJACKarc Integrated Sphere Latex Turbidimetry SOP 5.01087
Serum	Carbohydrate Deficient Transferrin (CDT)	Analysis for clinical use only using Sebia Capillarys 3 Octa and Capillary Electrophoresis and in- house method SOP 5.01084
Whole Blood	Lead	ICP-MS Mass spectrometry SOP 5.01074
Serum /plasma unless stated	<u>Serology examinations for the purpose of clinical diagnosis</u>	
	Detection of the following antibodies:	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-3 Immunoassay module by the following principles:
	Anti-HCV	Chemiluminescence Immunoassay
	Anti-HBc	Chemiluminescence Immunoassay



9301

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

**SYNLAB Laboratory Services Ltd trading as  
Seren Laboratory Services**

Issue No: 018 Issue date: 16 December 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)	<u>Serology examinations for the purpose of clinical diagnosis (cont'd)</u>	Using manufacturer's instructions and documented in-house procedures
	Anti-HBe	Abbott Alinity PAT-ALI-1, PAT-ALI-2, PAT-ALI-3 Immunoassay module by the following principles:  Chemiluminescence Immunoassay
	Anti-HBs	Chemiluminescence Immunoassay
	HBeAg	Chemiluminescence Immunoassay
	HBsAg	Chemiluminescence Immunoassay
	HIV I and II antibodies and p24 antigen	Chemiluminescence Immunoassay
	Rubella IgG	Chemiluminescence Immunoassay
	Syphilis	Chemiluminescence Immunoassay
Serum	Measles IgG antibody Mumps IgG antibody VZ IgG antibody	Dynex DSX using Novatech ELISA kits and SOP 15.0188
Serum in specific testing sample tubes	Interferon Gamma	Dynex DSX using Qiagen QF-Gold IGRA SOP 5.0102



9301

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

**SYNLAB Laboratory Services Ltd trading as  
Seren Laboratory Services**

**Issue No: 018 Issue date: 16 December 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)	<u>Haematology examinations for the purpose of clinical diagnosis</u>	Using manufacturer's instructions and documented in-house procedures
Whole Blood (Citrate and EDTA)	ESR	Alifax Capillary Photometry SOP 13.0013
Whole Blood (Citrate and EDTA)	Full Blood count <ul style="list-style-type: none"> <li>• Haemoglobin</li> <li>• White blood cell count</li> <li>• Red blood cell count</li> <li>• Platelet count</li> <li>• White blood cell differential count</li> <li>• Reticulocytes</li> </ul>	2 x Sysmex XN-550 analysers using impedance variation, spectrophotometry, cytochemistry and fluorocytometry. SOP 13.00292
Whole Blood (cells and plasma)	Blood Grouping ABO and Rhesus	Grifols: Gel card (8 well combined card) & DG Reader SOP 13.00291
Urine	<u>Microbiology examinations for the purpose of clinical diagnosis</u>  Detection of RBC, Leucocytes, renal casts, urinary crystals and micro-organisms	KOVA stain (modified Sternheimer-Malbin stain) & slides for Microscopy SOP 5.01051

END