


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8095 Accredited to ISO 15189:2012	Spire Healthcare Ltd	
	Issue No: 008 Issue date: 15 November 2021	
	Pathology Department Spire Southampton Hospital Chalybeate Close Southampton SO16 6UY	Contact: Rosie Burns E-Mail: rosie.burns@spirehealthcare.com Website: www.spirehealthcare.com
Testing performed at the above address only		



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	Biochemistry examination activities for the purposes of clinical diagnosis:	Documented in-house procedure SPS BC SOP0100 in conjunction with manufacturer's instructions for analysis using Roche Cobas 311 with specific reference to: Documented in-house Methods and Manufacturer's instructions for Roche cobas c311 Analyser with specific reference to SPS BC SOP0100
Serum/Heparinised Plasma	General Biochemistry Quantification of: Alanine Transaminase (ALT) Albumin Albumin Alkaline Phosphatase (ALP) Alkaline Phosphatase (ALP) Amylase Aspartate Transaminase (AST) Bilirubin Calcium Cholesterol Creatinine Creatinine Kinase CRP Gamma-Glutamyl Transpeptidase (GGT) Glucose HDL Cholesterol Magnesium Phosphate Potassium Sodium Total Protein(TP) Total Protein(TP) Triglycerides Urea Uric acid Calculated parameters Adjusted calcium Low density lipoprotein Globulin eGFR	



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above 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>Citrated Plasma Serum/Heparinised plasma</p>	<p>Haematology examination activities for the purposes of clinical diagnosis:</p> <p>Prothrombin Time International Normalised Ratio (INR) Activated Partial Thromboplastin Time (APTT) Activated Partial Thromboplastin Ratio (APTR) Fibrinogen Antithrombin III Protein C Protein S Activated Protein C Resistance Dilute Russells' Viper Venom Time Confirmation Partial Thromboplastin Time-Lupus Anticoagulant</p>	<p>Documented in-house Methods and Manufacturer's instructions</p> <p>Stago STA Compact Max with specific reference to SOP SPS-HM-SOP1200</p> <p>Clot detection Clot detection Clot detection Clot detection Clot detection Chromogenic Chromogenic Immuno-turbidometry Clot detection Clot detection Clot detection</p>
<p>Whole blood EDTA</p>	<p>Full Blood Count Analysis:</p> <p>Red Blood Cells (RCC) Mean Cell Volume (MCV) Mean Cell Haemoglobin (MCH)</p>	<p>Documented in-house Methods and Manufacturer's instructions for Horiba Yumizen 1500 Analyser with specific reference to SPS HM SOP1500</p> <p>Electronic impedance variation principle RBC histogram Calculation Haemoglobin value and RBC count calculation</p>



8095
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

Spire Healthcare Ltd
Issue No: 008 Issue date: 15 November 2021

Testing performed at the above address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	Haematology examination activities for the purposes of clinical diagnosis (cont'd):	Documented in-house Methods and Manufacturer's instructions
Whole blood EDTA (cont'd)	Full Blood Count Analysis (cont'd):	Documented in-house Methods and Manufacturer's instructions for Horiba Yumizen 1500 Analyser with specific reference to SOP H6 SPS HM SOP1500
	Mean Cell Haemoglobin Concentration (MCHC)	Haemoglobin and haematocrit value calculation
	Haematocrit	Pulse height
	Haemoglobin	Spectrophotometry (cyanmethaemoglobin)
	Platelets	Electronic impedance variation principle
	White Blood Cells	Electronic impedance variation principle
	Neutrophils	Absorbance (cytochemistry) and impedance change.
	Lymphocytes	Absorbance (cytochemistry) and impedance change
	Eosinophils	Absorbance (cytochemistry) and impedance change
	Monocytes	Absorbance (cytochemistry) and impedance change
	Basophils	Electronic impedance variation principle
	Large Immature cells	Impedance variation measure and absorbance



8095
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

Spire Healthcare Ltd
Issue No: 008 Issue date: 15 November 2021

Testing performed at the above address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
	Atypical lymphocytes	Impedence variation measure and absorbance
	Immature lymphocytes	Impedence variation measure and absorbance
	Immature monocytes	Impedence variation measure and absorbance
	Immature granulocytes	Impedence variation measure and absorbance
	Nucleated red blood cells	Impedence variation measure and absorbance
	Blood Films - morphology of the red cells, platelets and white cells	Documented in-house Methods and Manufacturer's instructions for Haematec Staining Machine with specific reference to SPSHMSOP0500



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above 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>Whole blood BD Seditainer™ tube containing 1.25ml of buffered 0.129M Na Citrate</p> <p>Whole blood EDTA & plasma</p> <p>Whole blood EDTA & plasma</p>	<p>Haematology examination activities for the purposes of clinical diagnosis (cont'd):</p> <p>Erythrocyte sedimentation rate (ESR).</p> <p>Blood Transfusion examination activities for the purposes of clinical diagnosis:</p> <p>Antibody screen</p> <p>Rhesus blood group antibodies: anti-C_w, anti-C, anti-c, anti-D, anti-E, anti-e</p> <p>Kell system blood group antibodies: anti-K, anti-k, anti-K_pa</p> <p>Kidd blood group antibodies: anti-J_{ka}, anti-J_{kb},</p> <p>Duffy blood group antibodies: anti-F_{ya}, anti-F_{yb},</p> <p>Lutheran blood group antibodies: anti-LU_a,</p> <p>MNS blood group antibodies: anti-M, anti-N, anti-S, anti-s,</p> <p>Lewis blood group antibodies: anti-L_{ea}, anti-L_{eb},</p> <p>P blood group antibodies: anti-P₁</p> <p>Blood Group full ABO groups Rhesus D Group Kell Blood Group</p>	<p>Documented in-house Methods and Manufacturer's instructions</p> <p>Documented in SPS HM SOP0600. BD Seditainer™ modified Westergren method.</p> <p>Documented in-house Methods and Manufacturer's instructions for Grifols WADIANA analyser SPS BT SOP0200 Or using manual Grifols cards SPS BT SOP0200</p> <p>Grifols WADIANA analyser SPS BT SOP0200 Or using manual Grifols cards SPS BT SOP0200</p>



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS (cont'd)	Blood Transfusion examination activities for the purposes of clinical diagnosis (cont'd):	Documented in-house Methods and Manufacturer's instructions
Whole blood EDTA & plasma	Blood Group Confirmed AB group Rhesus D group	Documented in-house Methods and Manufacturer's instructions for Grifols WADIANA analyser SPS BT SOP0200 Or using manual Grifols cards SOP BT 27 SPS BT SOP0200
	Blood groups Manual Full blood group ABO group Rhesus D group	Using tube technique SPS BT SOP0200
	Serological cross matching	SOP BT20 using Grifols manual card technique SPS BT SOP0200
	Antibody Panels to detect the following antibodies: D, C, E, c, e C ^w , K, k, Kp ^a , Js ^a , Fy ^a , Fy ^b , Jk ^a , Jk ^b , Le ^a , Le ^b , P ₁ , M, N, S, s, Lu ^a , Co ^b , Xg ^a	SOP BT01 using Grifols manual card technique SPS BT SOP0200
HUMAN BODY TISSUES	Histopathology examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Documented in-house Methods and Manufacturer's instructions
Pre-prepared FNA slides Fluids	Non-gynae cytology examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis	Documented in SOP NF01, NF02, NF03 & NF04 using manual staining methods for Papanicolaou and May Grunwald Giemsa (manual).



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUES (cont'd)</p> <p>Wax embedded Tissue</p> <p>Wax embedded tissue</p> <p>Fresh frozen tissue</p> <p>Wax embedded tissue</p>	<p>Histopathology examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Routine staining: Basophilic and eosinophilic tissue structures</p> <p><u>Special Stains:</u></p> <p>Identification of mucins and glycosaminoglycans</p> <p>Identification of mucins and glycosaminoglycans, and staining structures containing a high proportion of carbohydrate macromolecules (glycogen and glycoprotein), basement membranes, collagen and primary cell types</p>	<p>Documented in-house Methods and Manufacturer's instructions</p> <p>Specimen dissection, decalcification & tissue processing: Documented in SOPs SPS HT SOP 0200 & SPS HT SOP0300 in conjunction with Manufactures instructions for Leica ASP 300S SPS-HT-SOP0300 processor</p> <p>Tissue embedding: Documented in SOPSPS HT SOP0400 in conjunction with manufacturer's instructions for Thermo embedding centre</p> <p>Tissue microtomy: Documented in SOPSPS HT SOP0500 in conjunction with manufactures instructions for Shandon Fines Microtome and Leica CM1100Cryostat</p> <p>Automated H&E staining using Leica XL Autostainer, SPS-HT_SOP0600 following manufacturer's instructions and SOPSPS HT SOP0600</p> <p>Automated H&E staining using Leica XL Autostainer, SPS-HT_SOP0600 following manufacturer's instructions and SOPSPS HT SOP0600 and SOP SPS HT SOP0500 Leica CM1100 Cryostat</p> <p>Alcian Blue: Performed by Manual staining methods following SPS HT SOP0600</p> <p>Alcian Blue PAS combined: Performed by Manual staining methods following SOP SPS HT SOP0600</p>



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>HUMAN BODY TISSUES (cont'd)</p> <p>Wax embedded Tissue cont'd</p>	<p>Histopathology examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)</p> <p>Detection of amyloids</p> <p>Demonstrate the quantity and quality of tissue elastic fibers</p> <p>Identification of mast cells</p> <p>Demonstration of fungus</p> <p>Demonstration of fungus</p> <p>Absence/presence of glycogen</p> <p>Demonstration of reticular fibers</p> <p>Detection of iron</p>	<p>Documented in-house Methods and Manufacturer's instructions</p> <p>Congo Red: Performed by Manual staining methods following SOPSPS HT SOP0600</p> <p>Elastic Van Gieson: Performed by Manual staining methods following SOPSPS HT SOP0600</p> <p>Giemsa: Performed by Manual staining methods following SOPSPS HT SOP0600</p> <p>Grocott Hexamine Silver: Performed by Manual staining methods following SOP SPS HT SOP0600</p> <p>Periodic acid-Schiff (PAS): Performed by Manual staining methods following SOP SPS HT SOP0600</p> <p>Periodic acid-Schiff-diastase (D PAS): Performed by Manual staining methods following SOPSPS HT SOP0600</p> <p>Gordon and Sweet for reticulin: Performed by Manual staining methods following SOPSPS HT SOP0600</p> <p>Perls Prussian blue: Performed by Manual staining methods following SOPSPS HT SOP0600</p>



8095
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

Spire Healthcare Ltd
Issue No: 008 **Issue date:** 15 November 2021

Testing performed at the above address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY TISSUES (cont'd)	Histopathology examination of tissues in order to identify or exclude morphological and cytological abnormalities for the purpose of diagnosis (cont'd)	Documented in-house Methods and Manufacturer's instructions SPS HT SOP0800
Wax embedded Tissue cont'd	Detection of Hepatitis B surface antigen	Shikatas Orcein: Performed by Manual staining methods following SOP SPS HT SOP0600
	Demonstration of acid fast bacilli	Ziehl Neelsen (ZN): Performed by Manual staining methods following SOP SPS HT SOP0600
Tissue, Fresh Frozen and wax embedded Tissue (cont'd)	Classification and categorization of bacteria into two major groups: Gram positive and Gram negative	Gram Stain: Performed by Manual staining methods following SOP SPS HT SOP0600
	Demonstration of connective tissue	Haematoxylin Van Gieson: Performed by Manual staining methods following SOPSPS HT SOP0600
Blood	Detection of microbial growth with subsequent analysis of positive samples by Spire Centennial Park, Bushey, an ISO 15189:2012 accredited laboratory, 8314. Reporting of negative samples	Bactec FX40 blood culture analyser and SPS MI SOP0500

END