## **Schedule of Accreditation**

# **United Kingdom Accreditation Service**

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



8826

Accredited to ISO 15189:2012

**SW3 6NP** 

## **Synnovis Analytics LLP**

**Issue No:** 017 Issue date: 04 November 2025

**Department of Blood Science Contact: Paulo Leite** 

**Royal Brompton Hospital** E-Mail: Paulo.Leite@Synnovis.co.uk

**Sydney Street** Website: www.synnovis.co.uk London

**United Kingdom** 

Testing performed by the Organisation at the locations specified below

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

#### **Laboratory locations:**

Location details		Activity	Location code
Royal Brompton Hospital Sydney Street London SW3 6NP	Local contact Blood Sciences and Blood Transfusion Luke Woodford luke.woodford@synnovis. co.uk	Clinical Biochemistry Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridges located within laboratory, Adult ICU, theatres and paediatric ICU Issue of Blood and Blood Products	RBH
Pathology Building Harefield Hospital Hill End Road Harefield UB9 6JH	Local contact Blood Sciences and Blood Transfusion Jey Visuvanathan J.Visuvanathan@synnovi s.co.uk	Clinical Biochemistry Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridges located within laboratory and ITU/ theatres Issue of Blood and Blood Products	НН
Immunosuppression Monitoring Service Laboratory Heart Science Centre Harefield Hospital	Local contact Suzanne Diamond s.diamond@rbht.nhs.uk	Immunosuppression monitoring only	HHIMS

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#### **DETAIL OF ACCREDITATION**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	Documented in-house procedures in conjunction with manufacturer's instructions	
	Chromatography / Electrophoresis / other		
Sweat	Chloride	Sherwood 962S chloride analyser using titrimetric method using silver nitrate reagent SOPCB1067	RBH
Whole blood	Glycated Hb	Ion exchange HPLC using Biorad D10 Haemoglobin A1c analyser SOPCB1013 (RBH) SOPCB0203(HH)	RBH HH
Serum, urine	Osmolality	Freezing point depression using Advanced Micro-osmometer model 3300 -SOPCB1153 (HH) model 3320 - SOPCB1008 (RBH)	RBH HH
	<u>Immunochemistry</u>		
	Quantitative determination of:		
EDTA Whole Blood	Ciclosporin Tacrolimus Sirolimus Everolimus	2D TurboFlow™ Prelude HPLC with TSQ Quantum Endura MS/MS detection or Transcend II HPLC with TSQ Quantum Discovery MS/MS detection SOPCB1186	HHIMS

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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS as specified below:	Haematology examination activities for the purposes of clinical diagnosis	In house documented procedures based on equipment manuals and standard methods as specified below:	
Whole Blood	Blood Full Blood Count (PCV, MCV, Hb, RBC, WBC, Hct, MCV, MCH, MCHC, RDW Platelets, Neutrophils, lymphocytes, monocytes, Eosinophils, Basophils and Nucleated RBCs)	Beckman Coulter DxH 800 analysers using impedance principle for cell counting and sizing; volume, conductivity and light scatter (VCSn) for differential leucocyte count and measurement of absorbance of stable pigment for haemoglobin concentration.	RBH HH
		SOPHA00494	
Whole blood	Nucleated RBCs and Reticulocyte Count	Beckman Coulter DxH 800 using New Methylene Blue stain –	RBH
		SOPHA00494	
Blood film prepared from whole blood specimen	Blood Film Examination for Assessment for cell typing and morphology including white	DxH Slidemaker/Stainer (RBH) Shandon Varistain 12 (HH)	RBH HH
	blood cell differential for enumeration of cell types.	Shandon Varistain 12 (HH)  SOPHA00503 Preparation & staining of blood films	
		SOPHA00474 Microscope use & maintenance.	
Urine	Iron stain for Urine hemosiderin in the diagnosing of intravascular haemolysis.	Manual light microscopy of urine smears using manual Iron (Perl's stain) SOPHA00330	RBH

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HUMAN BODY FLUIDS as specified below: (cont'd)	Haematology examination activities for the purposes of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Plasma	Plasma Free Haemoglobin	HemoCue plasma/low Hb photometer using conversion of haemoglobin to azidemethaemoglobin followed by absorbance measurement  SOPHA00271	RBH HH
Plasma (citrated)	General Coagulation tests: Prothrombin time (PT) and International Normalised Ratio (INR) Activated partial thromboplastin time (APTT) Fibrinogen assay Thrombin time (TT) D-dimer assay Anti-Xa assay Antithrombin assay PT mix APTT mix	Instrumentation Laboratory Werfen ACL TOP 550 coagulometers. Measurement principles include turbidometric clot endpoint detection, chromogenic assays and immunoturbidometric assays.  SOPHA00429 Routine use of ACL TOP 550 SOPHA00037 Prothrombin time (PT) and International Normalised Ration (INR) SOPHA00104 Activated partial thromboplastin time (APTT) SOPHA00296 Fibrinogen assay SOPHA00106 Thrombin time (TT) SOPHA00040 D-dimer assay samples (ELISA method) RBH SOPHA00092 Anti-Xa assay SOPHA00137 Antithrombin assay SOPHA00037 PT mix SOPHA00104 APTT mix	RBH HH

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HUMAN BODY FLUIDS as specified below: (cont'd)	Haematology examination activities for the purposes of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Plasma (citrated)	Specialist Coagulation tests: Protein C Free protein S DRVT (lupus anticoagulant) APCR vWf antigen vWf functional assay (Ristocetin cofactor) Plasminogen assay Factor assays: II, V, VII, VIII, IX, X, XI, XII Anti-Factor Xa Assay for Direct Xa Inhibitors	Instrumentation Laboratory Werfen ACL TOP 550 coagulometers. Measurement principles include turbidometric clot endpoint detection, chromogenic assays and immunoturbidometric assays.  SOPHA00429 Routine use of ACLTOP 550 coagulometer SOPHA00111 Protein C SOPHA00112 Free protein S SOPHA00122 DRVT (lupus anticoagulant) SOPHA00042 APCR SOPHA00113 vWf antigen SOPHA00113 vWf functional assay (Ristocetin cofactor) SOPHA00229 Plasminogen assay  SOPHA00129 (Factor Assays APTT) SOPHA00130 (Factor Assays PT) SOPHA00536 (Apixaban and Rivaroxaban assays) SOPHA00537 (Direct Thrombin Inhibitor assay (Dabigatran)	RBH

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HUMAN BODY FLUIDS as specified below: (cont'd)	Blood Transfusion examination activities for the purposes of clinical diagnosis	In house documented procedures based on equipment manuals and standard methods as specified below:	
Blood	Automated Blood Grouping A, B, O and AB groups Rh groups, anitigens-;C, c, D, E, e, Kell blood group system, antigens: K	BioRad IH500 using BioRad micro column cards SOPHA000538	RBH HH
Blood	Red Cell Antibody detection	using BioRad micro column cards and 3 cell panel	RBH HH
Blood	Direct antiglobulin test (DAT)	Poly specifc and mono specific (anti-IgG and anti-C3d)cards	RBH HH
Blood	Manual Blood Group/Phenotype A, B, O and AB groups Rh groups, anitigens-;C, c, D, E, e, Kell blood group system, antigens: K	Manual method using BioRad micro column cards (as back-up to automated method)  SOPHA00176	RBH HH
Blood	Direct antiglobulin test (DAT) If positive, further tests against anti-IgG and anti-C3d	Screening test using polyspecific reagent- Manual method using BioRad micro column cards SOPHA00527	RBH HH

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HUMAN BODY FLUIDS as specified below: (cont'd)	Blood Transfusion examination activities for the purposes of clinical diagnosis (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Blood	Red Cell Antibody Identification: Indirect antiglobulin test (IAT) panel Enzyme panel	Manual method using BioRaAd micro column cards(RBH, HH) SOPHA00172	RBH HH
Blood	Crossmatching Indirect antiglobulin test (IAT) crossmatch Emergency issue	IAT crossmatch carried out by manual method using BioRad microcolumn cards.  SOPHA00164 Emergency issue (RBH) SOPHA00128 Crossmatching & red cell issue (HH) SOPHA00380 Emergency issue (HH) SOPHA00164 cross-site procedure	RBH HH
END			

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