


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8097 Accredited to ISO 15189:2022	The Royal Marsden NHS Foundation Trust	
	Issue No: 016 Issue date: 07 April 2025	
	Blood Sciences Laboratory The Royal Marsden NHS Foundation Trust Fulham Road Chelsea SW3 6JJ	Contact: Zanell Lategan Tel: +44 (0) 208 661 3354 ext. 1328 E-Mail: Zanell.Lategan@rmh.nhs.uk
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
Blood Sciences Laboratory The Royal Marsden NHS Foundation Trust Fulham Road Chelsea SW3 6JJ Local contact Mr Mark Devall Tel: +44 (0) 208 661 3354 ext. 1328 E-Mail: mark.devall@rmh.nhs.uk	Biochemistry Haematology Blood Transfusion Automated Chemistry Manual Chemistry Blood component issue	A
Blood Sciences Laboratory The Royal Marsden NHS Foundation Trust Downs Road Sutton SM2 5PT Local contact Mr Mark Devall Tel: +44 (0) 208 661 3354 ext. 1328 E-Mail: mark.devall@rmh.nhs.uk	Biochemistry Haematology Blood Transfusion Automated Chemistry Endocrinology Tumour markers Manual Chemistry Endocrine/Haematinics/Cardiac/Thyroid/Drugs Blood component issue (as above) Blood storage & issue	B
Blood Sciences Laboratory 19a Cavendish Square London W1G 0PL Local Contact Mr Paul Wadham paul.wadham@rmh.nhs.uk	Biochemistry Haematology	C

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Theatre Fridge The Royal Marsden NHS Foundation Trust Fulham Road Chelsea SW3 6JJ	Blood storage & issue Fridge managed by Haematology	A



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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	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Quantification of:	Ortho Clinical Diagnostics VITROS 5600 with MicroSlide Technology BSCHEMSOP300	
Serum	Alanine Transaminase (ALT)		A, B
Serum	Aspartate Transaminase (AST)		A, B
Serum	Amylase		A, B
Serum	Albumin		A, B
Serum	Alkaline Phosphatase (AP)		A, B
Serum	Bicarbonate		A, B
Serum	Total Bilirubin		A, B
Serum, CSF*	Total Protein		A, B*
Serum	Calcium		A, B
Serum	Chloride		A, B
Serum	Creatinine Kinase (CK)		A, B
Serum, urine*	Creatinine		A, B*
Urine	Creatinine clearance		B
Serum	Gamma Glutamyl Transferase (γ GT)		A, B
Serum, CSF*	Glucose		A, B*
Serum	Cholesterol		B
Serum	LDL Cholesterol		B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Quantification of: (cont'd)	Ortho Clinical Diagnostics VITROS 5600 with MicroSlide Technology BSCHEMSOP300	
Serum	HDL Cholesterol		B
Serum	Iron		A, B
Serum	Lactate Dehydrogenase (LDH)		A, B
Serum	Lipase		A, B
Serum	Magnesium		A, B
Serum, Urine*	Phosphate		A, B*
Serum, Urine*	Potassium		A, B*
Serum, Urine*	Sodium		A, B*
Serum	Triglycerides		B
Serum	Uric Acid (Urate)		A, B
Serum	Urea		A, B
Urine	Total protein		B
Serum	Adjusted calcium		A, B
Serum	AKI		A, B
Serum	HDL/LDL ratio		B
Serum	Transferrin saturation		B
Serum	Free PSA / Total PSA ratio		A, B
Serum	Alpha Fetoprotein		A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Quantification of: (cont'd)	Ortho Clinical Diagnostics VITROS 5600 with MicroSlide Technology BSCHEMSOP300	
Serum	beta Human Chorionic Gonadotrophin (HCG)		A, B
Serum	Carbohydrate Antigen 125 (CA125)		A, B
Serum	Carbohydrate Antigen 15.3(CA15.3)		A, B
Serum	Carbohydrate Antigen 19.9 (CA19.9)		A, B
Serum	Carcinoembryonic antigen (CEA)		A, B
Serum	Cortisol		A, B
Serum	Ferritin		A, B
Serum	Folate		B
Serum	Free Prostate Specific Antigen (PSA)		A, B
Serum	Follicle Stimulating Hormone (FSH)		A, B
Serum	Free Tri-iodothyronine (Free T3)		A, B
Serum	Free Thyroxine (Free T4)		A, B
Serum	Luteinising Hormone (LH)		A, B
Serum	Testosterone		A, B
Serum	Total PSA		A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Quantification of: (cont'd)	Ortho Clinical Diagnostics VITROS 5600 with MicroSlide Technology BSCHEMSOP300	
Serum	Troponin I		A, B
Serum	Thyroid Stimulating Hormone (TSH)		A, B
Serum	25 OH Vitamin D		B
Serum	Vitamin B12		A, B
Serum	Intact PTH		B
Serum	Vancomycin		B
Serum	Gentamicin		B
Serum	Haptoglobin		B
Serum	Immunoglobulin A		B
Serum	Immunoglobulin G		B
Serum	Immunoglobulin M		B
Serum	Transferrin		B
Serum	C-reactive protein (CRP)		A, B
Serum	Amikacin		B
Serum	B2 Microglobulin		B
Serum	Ciclosporine		B
Serum	Methotrexate		B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Quantification of: (cont'd)	Ortho Clinical Diagnostics VITROS XT3400 with MicroSlide technology BSCHEMSOP500	
Serum	Albumin		B, C
Serum	ALP		B, C
Serum	ALT		B, C
Serum	Amylase		B, C
Serum	AST		B, C
Serum	Bicarbonate		B, C
Serum	Calcium		B, C
Serum	Chloride		B, C
Serum	Creatinine Kinase (CK)		B, C
Serum	Creatinine		B, C
Serum	C Reactive Protein (CRP)		B, C
Serum	Gamma GlutamylTransferase (GGT)		B, C
Serum	Glucose		B, C
Serum	LDH		B, C
Serum	Lipase		B, C
Serum	Magnesium		B, C
Serum	Phosphate		B, C



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Quantification of: (cont'd)	Ortho Clinical Diagnostics VITROS XT3400 with MicroSlide technology BSCHEMSOP500	
Serum	Potassium		B, C
Serum	Sodium		B, C
Serum	Total Bilirubin		B, C
Serum	Total Protein		B, C
Serum	Urea		B, C
Serum	Uric Acid		B, C
	Quantification of	Ortho Clinical Diagnostics VITROS ECIQ BSCHMSOP 501	
Serum	Alpha feto Protein (AFP)		C
Serum	Human Chorionic Gonadotrophin (bHCG)		C
Serum	CA125		C
Serum	CA153		C
Serum	CA199		C
Serum	Carcinoembryonic antigen (CEA)		C
Serum	Cortisol		C
Serum	Prostate Specific Antigen (PSA)		C
Whole blood	Haemoglobin A1c	Biorad D-10 HPLC Ion Exchange BSCHMSOP91	B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of clinical diagnosis (cont'd)</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Serum	Paraprotein identification and quantitation	Sebia Capillarys 2 Capillary Electrophoresis BSCHEMSOP100	B
Urine	Paraprotein identification	Sebia Hydrasys Gel Electrophoresis BSCHEM42	B
Serum, urine	Isotype confirmation	Gel Electrophoresis/ Immunofixation BSCHEM42	B
Serum	Light Free Chains (Kappa and Lambda)	Binding site Optilite Turbidmetric detection BSCHEMSOP001	B
Serum	Kappa and Lambda ratio	Binding site Optilite calculation BSCHEMSOP001	B
Urine	Urinalysis (Dipstick)	Siemens-Clintek Siemens Photometric detection BSCHEMSOP009	A, B
	Glucose Bilirubin Ketone Specific Gravity Blood pH Protein Urobilinogen Nitrite Leucocytes		
Serum, urine	Osmolality	Advanced Instruments Osmometer OSMO1 Freezing point depression BSCHEMSOP038	A, B



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Urine	Qualitative detection of bHCG (pregnancy)	Launch Diagnostics Accusay hCG Immunoassay BSCHEMSOP007	A, B
Serum	Quantification of: Thyroglobulin Thyroglobulin Antibody Thyroglobulin recovery	Beckman Coulter Access II using Chemiluminescent microparticle immunoassay (CMIA) detection BSCHEMSOP011	B
Blood	DPYD deficiency testing	DPYD LAMP Assay using MIC qPCR BSCHEMSOP013	B
EDTA (plasma)	ACTH	DiaSorin Liaison XL chemiluminescent immunoassay (CLIA) technology BSCHEMSOP029	B
Serum	Calcitonin	DiaSorin Liaison XL chemiluminescent immunoassay (CLIA) technology BSCHEMSOP028	B



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Venous blood	Blood Group by detection and identification of antigens: A Rh D Positive AB Rh D Positive B Rh D Positive O Rh D Positive A Rh Negative AB Rh D Negative B RhD Negative O Rh D Negative Transitional (during BMT) groups	BioRad IH500 using gel card technology BSBBSOP089	A, B
Venous blood	Blood Group by detection and identification of 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 Transitional (during BMT) groups	Manual methods using gel card technology BSBBSOP044.	A, B
Venous blood	Blood group by detection and identification of 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 Transitional (during BMT) groups	Manual methods using tube technique BSBBSOP009	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examinations to assist in clinical investigations</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Venous blood	Detection of Rh+K red cell Phenotyping by detection and identification of antigens: C c E e K	BioRad IH500 using gel card technology BSBBSOP089	A, B
Plasma	Antibody Screen by detection and identification of antibodies to: Rh MNS P Lutheran Kell Lewis Duffy Kidd	BioRad IH500 using gel card technology BSBBSOP089	A, B
Plasma	Compatibility testing of patients plasma with donor cells	Manual methods: Immediate Spin IAT Strict 37°C Tube BSBBSOP105	A, B
Plasma	Compatibility testing of patients plasma with donor cells	BioRad IH500 using gel card technology BSBBSOP089	A, B
Venous blood	Direct Anti-globulin Test- DAT Polyspecific AHG IgG C3d	BioRad IH500 using gel card technology and manual methods, using gel card technology BSBBSOP019	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examinations to assist in clinical investigations</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole blood (EDTA)	Full Blood Count (FBC) analysis of the following parameters: WBC WBC differential RBC HGB HCT MCV MCH MCHC	Sysmex XN automated analysers, using spectrophotometry, impedance particle counting and laser light scatter BSHAEMSOP014	A, B, C
Whole blood (EDTA)	Full Blood Count (FBC) analysis of the following parameters: RDW PLT NEUT LYMPH MONO EOS BASO Reticulocyte count NRBC	Sysmex XN automated analysers, using spectrophotometry, impedance particle counting and laser light scatter BSHAEMSOP014	A, B, C
Whole Blood (EDTA)	Preparation of blood films for Identification of normal and abnormal morphologies	Sysmex SP-50 Slide Maker BSHAEMSOP007	A, B
Blood film on glass slide	Identification of normal and abnormal morphologies including WBC differential count	Morphological review of blood films BSHAEMSOP002	A, B
Whole Blood (EDTA)	Haemoglobin S Screening	Manual Solubility test using Streck Sickie Test kit BSHAEMSOP011	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examinations to assist in clinical investigations</u> (cont'd)	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
Whole Blood (EDTA)	Glucose-6-phosphate dehydrogenase (G6PD) screening test	Rapid Immunoassay manual test using Binax NOW G6PD kit BSHAEMSOP010	B
	<u>Haemostasis and thrombosis examinations for the purpose of clinical diagnosis</u>	Procedures documented in manufacturer's equipment manuals in conjunction with documented in-house procedures by the following methods:	
	Routine Coagulation testing for:	Sysmex CS2500 automated analyser, photo-optical	
Blood (Plasma)	Prothrombin Time (PT)	H095	A, B
Blood (Plasma)	Activated Partial Thromboplastin Time (APTT)	H095	A, B
Blood (Plasma)	INR	H095	A, B
Blood (Plasma)	Fibrinogen	H095	A, B
Blood (Plasma)	Corrected APTT	H095	A, B
Blood (Plasma)	Anti-Xa	BSHAEMSOP009	A, B
Blood (Plasma)	D-Dimer	H098	A, B
Venous blood	Corrected PT	H095	A, B
END			