

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL</p> <p>9616</p> <p>Accredited to ISO 15189:2022</p>	<h3>National Waiting Times Centre Board</h3> <p>Issue No: 008 Issue date: 05 February 2025</p>	
	<p>National Waiting Times Centre Board Golden Jubilee National Hospital Agamemnon Street Clydebank G81 4DY</p>	<p>Contact: Fiona Holland Tel: +44 (0) 141 951 5930 E-Mail: fiona.holland@gjnh.scot.nhs.uk Website: http://www.nhsgoldenjubilee.co.uk/</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN SAMPLES AND TISSUES	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures
	<u>Bone Profile</u>	
Serum, Plasma, Urine	Phosphate	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-49
Serum, Plasma	Magnesium	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-48
Serum, Plasma, Urine	Calcium	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-37
	<u>Cardiac Markers</u>	
Serum, Plasma	Creatine Kinase	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-69
Plasma	nt-Pro BNP	Roche Cobas 6000, Immunoassay SOP: CS-LAB-CHE-PRO-59
Serum, Plasma	TNT	Roche Cobas 6000, Electrochemiluminescence Immunoassay SOP: CS-LAB-CHE-PRO-60
	<u>General Chemistry</u>	
Serum, Plasma	Amylase	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-66
Serum, Plasma	C-Reactive Protein	Roche Cobas 6000, Immunoturbimetric SOP: CS-LAB-CHE-PRO-40



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HUMAN SAMPLES AND TISSUES (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures
	<u>General Chemistry</u> (cont'd)	
Serum, Plasma	Ferritin	Roche Cobas 6000, Turbimetric inhibition Immunoassay SOP: CS-LAB-CHE-PRO-57
Whole Blood	HbA1C	Roche Cobas 6000, Immunoturbimetric SOP: CS-LAB-CHE-PRO-63
Plasma	Lactate	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-46
Serum, Plasma	Lactate Dehydrogenase	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-47
Serum, Plasma	Urate	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-53
Plasma	Glucose	Roche Cobas 6000, SOP: CS-LAB-CHE-PRO-43
Serum, Plasma, urine	Osmolality	Advanced Instruments Microsmometer, Freezing Point Depression Measurement SOP: CS-LAB-CHE-PRO-31
	<u>Iron profile</u>	
Serum, Plasma	Iron	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-45
Serum, Plasma	Transferrin	Roche Cobas 6000, Immunoturbimetric SOP: CS-LAB-CHE-PRO-70



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HUMAN SAMPLES AND TISSUES (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures
	<u>Lipid Profile</u>	
Serum, Plasma	Cholesterol	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-67
Serum, Plasma	Triglyceride	SOP: CS-LAB-CHE-PRO-51
Serum, Plasma	HDL	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-44
	<u>Liver Function Tests</u>	
Serum, Plasma	Albumin	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-32
Serum, Plasma	ALP	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-34
Serum, Plasma	ALT	SOP: CS-LAB-CHE-PRO-35
Serum, Plasma	AST	SOP: CS-LAB-CHE-PRO-33
Serum, Plasma	Bilirubin Total	SOP: CS-LAB-CHE-PRO-68
Serum, Plasma	GGT	SOP: CS-LAB-CHE-PRO-42
Serum, Plasma	Protein Total	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-50
Serum, Plasma	Bilirubin Direct	SOP: CS-LAB-CHE-PRO-36
	<u>Therapeutic Drug Monitoring</u>	
Serum, Plasma	Gentamycin	Roche Cobas 6000, Immunoassay SOP: CS-LAB-CHE-PRO-64
Serum, Plasma	Vancomycin	SOP: CS-LAB-CHE-PRO-55
Serum, Plasma	Digoxin	Roche Cobas 6000, Electrochemiluminescence Immunoassay SOP: CS-LAB-CHE-PRO-56



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HUMAN SAMPLES AND TISSUES (cont'd)	<u>Biochemistry examination activities for the purposes of clinical diagnosis</u> (cont'd)	In-house documented procedures
	<u>Thyroid Function Tests</u>	
Serum, Plasma	FT4	Roche Cobas 6000, Electrochemiluminescence Immunoassay SOP: CS-LAB-CHE-PRO-62
Serum, Plasma	TSH	SOP: CS-LAB-CHE-PRO-61
	<u>Urea and Electrolytes</u>	
Serum, Plasma	Bicarbonate	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-38
Serum, Plasma	Chloride	Roche Cobas 6000, Indirect ISE SOP: CS-LAB-CHE-PRO-41
Serum, Plasma, Urine	Creatinine	Roche Cobas 6000, Colorimetric SOP: CS-LAB-CHE-PRO-39
Serum, Plasma, Urine	Sodium	Roche Cobas 6000, Indirect ISE SOP: CS-LAB-CHE-PRO-41
Serum, Plasma, Urine	Potassium	SOP: CS-LAB-CHE-PRO-41
Serum, Plasma, Urine	Urea	Roche Cobas 6000, Photometric SOP: CS-LAB-CHE-PRO-54
	<u>Calculated Parameters</u>	
Serum, Plasma	Adjusted calcium	SOP: CS-LAB-CHE-PRO-37
	Cholesterol : HDL cholesterol ratio	SOP: CS-LAB-CHE-PRO-67
	LDL Cholesterol	SOP: CS-LAB-CHE-PRO-67
	Globulins	SOP: CS-LAB-CHE-VED-3
	Anion Gap	SOP: CS-LAB-CHE-VED-3
	VLDL	SOP: CS-LAB-CHE-VED-3
	Estimated GFR	SOP: CS-LAB-CHE-VED-3



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HUMAN SAMPLES AND TISSUES (cont'd)	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures
	<u>Group and Save</u>	Ortho Clinical Diagnostic Vision Column Agglutination Technology SOP: CS-LAB-BT-PRO-4
Whole blood	Blood Group Antigens, A, B, D, C, c, E, e, Kell, Duffy(a), Duffy(b), Lewis(a), S,M, Kidd(a)	Ortho Clinical Diagnostic Vision Column Agglutination Technology SOP: CS-LAB-BT-PRO-4 and 50
Whole blood	Blood Group Antibodies which can be identified as single specificity are D,C,c,E,e,f, Kell, Duffy(a), Duffy(b), Cw, Kidd(a), Kidd(b), Lewis(a), Lewis(b), M, N, S, s, P1, Lutheran(a), Lutheran(b), Kp(a), Kp(b), Js(b).	Ortho Clinical Diagnostic Vision Column Agglutination Technology SOP: CS-LAB-BT-PRO-4
Whole Blood / Plasma	Anti Human Globulin	Ortho Clinical Diagnostic Vision Column Agglutination Technology SOP: CS-LAB-BT-PRO-50
	<u>Crossmatch</u>	
Whole Blood / Plasma	Serological	Ortho Clinical Diagnostic Vision Column Agglutination Technology with electronic issue SOP: CS-LAB-BT-PRO-5
	<u>Direct Coombs Test</u>	
Whole Blood / Packed cells	Monoclonal DAT Classification, comprising of a combination of IgG, C3b and C3d immunoglobulins	Ortho Clinical Diagnostic Autovue Column Agglutination Technology SOP: CS-LAB-BT-PRO-50
	<u>Rhesus Phenotype</u>	
Whole Blood / Packed cells	C, c, E, e	Ortho Clinical Diagnostic Vision Column Agglutination Technology SOP: CS-LAB-BT-PRO-50
Whole Blood / Packed cells	Antigen testing: A, B, D, C, c, E, e, Kell, Duffy(a), Duffy(b), Lewis(a), S,M, Kidd(a)	Ortho Clinical Diagnostic Biovue Column Agglutination Technology or direct agglutination SOP: CS-LAB-BT-PRO-50



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HUMAN SAMPLES AND TISSUES (cont'd)	<u>Haematology examination activities for the purposes of clinical diagnosis (cont'd)</u>	In-house documented procedures
	<u>Coagulation</u>	
Whole Blood	Prothrombin Time	ACLTOP350CTS SOP CS-LAB-HAE-PRO-8 Coagulometric turbidimetric clot detection
	INR	ISI adjusted Prothrombin Ratio from Mean normal PT
	Activated Partial Thromboplastin Time	Coagulometric turbidimetric clot detection
	Activated Partial Thromboplastin Ratio	APTT ration Ratio from Mean normal APTT
	ThrombinTime	Coagulometric turbidimetric clot detection
	Clauss Fibrinogen	Coagulometric turbidimetric clot detection – Measurement from standard curve
	Blood Film Morphology	Microscopic blood smear examination SOP: CS-LAB-HAE-PRO-20
	Blood Film Manual Differential White Cell Count	Microscopic white cell differential count SOP: CS-LAB-HAE-PRO-21



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HUMAN SAMPLES AND TISSUES (cont'd)	<u>Microbiology examination activities for the purposes of clinical diagnosis</u>	In-house documented procedures based on related UK standards (SMI's)
Whole Blood, joint fluid and pleural fluid	Blood Cultures – Detection & Culture of micro-organisms	Automated culture using BacT/Alert Virtuo & SOP No. CS-LAB-MIC-PRO-108
Urine	Isolation of Microorganisms of Clinical Significance	Manual culture SOP No. CS-LAB-MIC-PRO-20
Sputum, pleural fluid/abscess, empyema, bronchial aspirate/lavage/brushings and tracheal aspirate etc.	Detection of AAFB	Auramine Phenol Microscopy SOP No. CS-LAB-MIC-PRO-51
	<u>Isolation of Microorganisms of Clinical Significance</u>	Microscopy and Routine Culture procedures:
Rectal Swabs / Faeces (Screening)		SOP No. CS-LAB-MIC-PRO-99
Faeces / Rectal Swabs		SOP No. CS-LAB-MIC-PRO-30
CSF		SOP No. CS-LAB-MIC-PRO-29
Ear, nose, throat, mouth and eye swabs etc.		SOP No. CS-LAB-MIC-PRO-103
Wound swab (Sternum, chest drain, leg, ortho, line site etc.), chest drain / sternal fluid, wound drain fluid and IV lines/tips		SOP No. CS-LAB-MIC-PRO-102
MRSA screening swabs (nose, perineum, throat, groin, axilla and wound etc)		SOP No. CS-LAB-MIC-PRO-14
Urogenital swabs (vaginal, cervical, vulval, labial, urethral and penile etc)		SOP No. CS-LAB-MIC-PRO-22
Sputum, pleural fluid/abscess, empyema, bronchial aspirate/lavage/brushings and tracheal aspirate etc		SOP No. CS-LAB-MIC-PRO-17



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<p>HUMAN SAMPLES AND TISSUES (cont'd)</p> <p>Bursa fluid, synovial fluid, peritoneal fluid, pericardial fluid, and bile etc</p> <p>Orthopaedic tissue, bone, hip screws, prosthetic joint fittings, native heart valves, prosthetic heart valves, pacemakers, lung biopsies, lymph nodes, lung / sternal tissue and skin biopsies etc</p> <p>Bacteria & Yeast isolates cultured in-house from the above samples</p> <p>Bacterial & Yeast isolates cultured in-house from the above samples</p> <p>Faeces</p> <p>Urine</p>	<p><u>Microbiology examination activities for the purposes of clinical diagnosis</u> (cont'd)</p> <p><u>Isolation of Microorganisms of Clinical Significance</u> (cont'd)</p> <p>Identification of Microorganisms of clinical significance</p> <p>Antibiotic Susceptibility Testing of bacterial isolates of clinical significance.</p> <p>Detection of <i>C. difficile</i> GDH Antigen & Toxin A/B</p> <p>Detection of Legionella Urinary Antigen</p>	<p>In-house documented procedures based on related UK standards (SMI's)</p> <p>Microscopy and Routine Culture procedures (cont'd):</p> <p>SOP No. CS-LAB-MIC-PRO-101</p> <p>SOP No. CS-LAB-MIC-PRO-19</p> <p>Vitek 2 Compact (Automated) together with manual biochemical/enzymatic, agglutination & staining/microscopic methods SOP No. CS-LAB-MIC-PRO-57 & SOP No. 59, 60, 61, 62, 64, 66, 67, 70 & 105</p> <p>Vitek 2 Compact (Automated) SOP No. CS-LAB-MIC-PRO-57</p> <p>EUCAST (Disk Diffusion) SOP No. CS-LAB-MIC-PRO-48</p> <p>E test (Gradient MIC determination strips) SOP No. CS-LAB-MIC-PRO-50</p> <p>Techlab <i>C. diff</i> GDH Quikchek & <i>C. diff</i> Tox A/B Quikchek (Alere) Lateral Flow Immunoassays SOP No. CS-LAB-MIC-PRO-30</p> <p>BinaxNOW Legionella UAT (Abbott) Lateral Flow Immunoassay – SOP No. CS-LAB-MIC-PRO-100</p>
END		