

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9594</p> <p>Accredited to ISO 15189:2012</p>	<h3>Stockport NHS Foundation Trust</h3> <p>Issue No: 003 Issue date: 30 July 2020</p>	
	<p>Blood Sciences Department Pathology Laboratory Stepping Hill Hospital Poplar Grove Stockport SK2 7JE</p>	<p>Contact: Mark Gordon Raisa Zaman Tel: +44 (0)161 419 5630 Fax: +44 (0)161 419 5668 E-Mail: mark.gordon@stockport.nhs.uk raisa.zaman@stockport.nhs.uk Website: www.stockport.nhs.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
<p>HUMAN BODY FLUIDS</p> <p>Blood (unless stated otherwise)</p> <p>and Urine</p> <p>and Urine</p> <p>and Urine</p> <p>and CSF</p>	<p>Biochemistry examination activities for the purpose of clinical diagnosis</p> <p>Albumin</p> <p>Alkaline Phosphatase</p> <p>Alpha 1 Antitrypsin</p> <p>ALT</p> <p>Ammonia</p> <p>AST</p> <p>Bile Acids</p> <p>Bilirubin (Direct / Conjugated)</p> <p>Bilirubin (Total)</p> <p>C3</p> <p>C4</p> <p>Calcium</p> <p>Carbamazepine</p> <p>Chloride</p> <p>Cholesterol</p> <p>Creatine Kinase</p> <p>Creatinine</p> <p>Creatinine (Enz)</p> <p>CRP</p> <p>Ethanol</p> <p>Gentamicin</p> <p>GGT</p> <p>Glucose</p> <p>HDL</p> <p>IGA</p> <p>IGG</p> <p>IGM</p> <p>Iron</p>	<p>In house documented methods incorporating manufacturers' instructions where relevant</p> <p>Automated using Siemens Advia Chemistry XPT by photometric and turbidimetric and procedures BSS003 and BSSBA01:</p>



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<p>HUMAN BODY FLUIDS</p> <p>Blood (unless stated otherwise)</p> <p>and CSF</p> <p>and Urine Urine</p> <p>and Urine and Urine Urine, CSF</p> <p>and Urine</p> <p>and Urine and Urine</p> <p>Urine (unless stated otherwise)</p>	<p>Biochemistry examination activities for the purpose of clinical diagnosis</p> <p>Lactate LDH Lipase Lithium Magnesium Microalbumin Paracetamol Phenytoin Phosphate Potassium Protein RF Salicylate Sodium Theophylline Total Protein Transferrin Triglycerides Urate Urea Valproate Vancomycin</p> <p>6AM Amphetamines Benzodiazepine Buprenorphine Cannabis Cocaine EDDP Opiates</p>	<p>In house documented methods incorporating manufacturers' instructions where relevant</p> <p>Automated using Siemens Advia Chemistry XPT by photometric and turbidimetric and procedures BSS003 and BSSBA01:</p> <p>Automated using Siemens Advia Chemistry XPT by photometric and turbidimetric and procedure BSSBA21:</p>



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HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	In house documented methods incorporating manufacturers' instructions where relevant
Blood	B12 AFP Anti-CCP BNP Ca125 CEA Cortisol Digoxin Ferritin Folate FSH FT3 FT4 HCG LH Oestradiol Progesterone Prolactin PSA PTH Testosterone TPO Troponin I TSH	Automated using Siemens ADVIA Centaur XPT Immunoassay System and procedure BSSBA21:
Blood Faeces Blood	ANA Calprotectin TTG	Werfen Analyser; Bioflash and procedures: CHSMI061 CHSMI062 CHSMI063 Sebia Hydrasys Protein Electrophoresis and Immunofixation procedures:
Blood Blood	Paraprotein quantitation Alkaline phosphatase isoenzyme Lipoprotein	CHSMI018 Protein electrophoresis CHSMI019 Protein Immunofixation
Urine	Bence Jones Protein	CHSMI020 Bence Jones Protein
Blood	Haemoglobin A1c	Menarini 9210, using boronate affinity chromatography: CHSMI060



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HUMAN BODY FLUIDS	Biochemistry examination activities for the purpose of clinical diagnosis	In house documented methods incorporating manufacturers' instructions where relevant
Cerebrospinal fluid (CSF)	Xanthochromia	UVIKON XS using Spectrometry: CHSMI002
Blood, Urine	Osmolality	Vitech Osmometer using Depression of Freezing Point: CHSMI005
Blood	Blood gas analysis: pH Blood gas sodium Blood gas potassium Blood gas chloride Ionized calcium	Roche Cobas b221 Blood Gas system: POCT009 Direct ion selective electrode
	pCO2 pO2	Gas diffusion electrode
	Total Hb Oxyhaemoglobin Carboxyhaemoglobin Methaemoglobin Bicarbonate	Photometric analysis and procedure CHSMI053
Blood	Glucose, Lactate	Enzymatic amperometry
	Ketones	Abbott exceed ketone meter: POCT034
	Calculated Tests for the purposes of clinical diagnosis:	Siemens Advia Chemistry XPT by photometric and turbidimetric and BSS003 by calculation
Blood	AKI	
Blood	eGFR	
Blood	Adjusted Calcium	
Blood, Urine	Creatinine Clearance	
Urine	UPCR	
Urine	UACR	
Blood	Globulin	
Blood	LDL	
Blood	NAFLD	



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HUMAN BODY FLUIDS	Haematology examination activities for the purposes of clinical diagnosis	In house documented methods incorporating manufacturers' instructions where relevant
Blood	Activated Partial Thromboplastin Time (APTT)	Werfen Automated Coagulometer ACL TOP 550 Electronic clot end point detection using procedures: HASC0050
	Antithrombin III	HASC0025
	APTT Correction	HASC0032
	APTT Ratio	HASC0050
	D-Dimer	HASC0045
	Fibrinogen (Clauss)	HASC0039
	Lupus Anticoagulant	HASC0014
	Protein C	HASC0025
	Protein S (Free Antigen)	HASC0025
	Prothrombin time (PT)	HASC0050
	PT Correction	HASC00322
	PT/INR	HASC0050
Blood	Erythrocyte Sedimentation Rate	Automated ESR-Auto Plus Sed-Rate Analyzer: HASR005
Blood	Detection of infectious mononucleosis heterophile antibodies	Abbott Clearview IM II test is a rapid chromatographic immunoassay kit: HASR019
Blood	Abnormal Haemoglobins Screen	Menarini HA-8160 by HPLC Reversed phase partition and cation exchange chromatography: HASE010



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HUMAN BODY FLUIDS	Haematology examination activities for the purposes of clinical diagnosis	In house documented methods incorporating manufacturers' instructions where relevant
Blood	Full Blood Count: Haemoglobin Red Cell Count Platelet Count Mean Cell Volume HCT MCH MCHC Nucleated Red Cell Count White Blood Cell Count (total) Neutrophil Count Lymphocyte Count Monocyte Count Eosinophil Count Basophil Count Reticulocyte Count	Siemens Advia 2120i Cytochemical flow cell technology: HASR0029
Blood	Detection of Malarial Parasites <i>P. falciparum</i> , <i>P. vivax</i> <i>P. ovale</i> <i>P. knowlesi</i> <i>P. malariae</i>	Fields and Dilute Giemsa staining with light microscopic detection: HASR004
Blood	Confirmation and Identification of Malaria parasites by detection of: <i>P. falciparum</i> (HRP1) & <i>P. falciparum</i> , <i>P. vivax</i> , <i>P. malariae</i> , <i>P. ovale</i> (pan-antigen)	Humasis Pf/Pan antigen test chromatographic immunoassay: HASR0030
Blood	Sickle Screening Test	Sickle Solubility test kit (TCS Biosciences) for qualitative assessment of Haemoglobin S: HASR009



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HUMAN BODY FLUIDS	Haematology examination activities for the purposes of clinical diagnosis	In house documented methods incorporating manufacturers' instructions where relevant
Blood	Glucose-6-Phosphate Dehydrogenase (G6PD) screen	Trinity Biotech G-6-PD Screening Test Kit, semi-quantitative fluorescent blood spot test: HASR016
Blood	Blood Transfusion examination activities for the purposes of clinical diagnosis Direct anti-globulin test (DAT)	Automated method; Ortho Vision card/column agglutination HASB0122
Blood	Estimation of foeto-maternal haemorrhage	Light Microscopy, Kleihauer Acid Elution Methodology: HASB0030
Blood	Serological Crossmatch	Automated method; Ortho Vision card/column agglutination HASB0069
Blood	Blood Group by detection and identification of antigens: <i>A Rh D Positive</i> <i>AB Rh D Positive</i> <i>B Rh D Positive</i> <i>O Rh D Positive</i> <i>A Rh Negative</i> <i>AB Rh D Negative</i> <i>B RhD Negative</i> <i>O Rh D Negative</i> <i>Including the presence of A2 antigens</i>	Automated method; Ortho Vision card/column agglutination HASB0122, HASB0041 Manual using BioVue cassettes HASB0095
Blood	Antibody Screen and identification by detection of antibodies to: <i>Rh – C,D,E,c,e,Cw</i> <i>Kell –K, Kpa</i> <i>Duffy – Fya, Fyb</i> <i>MNSs- M, N, S, s</i> <i>Kidd – JKa, Jkb</i> <i>Lewis – Lea, Leb</i> <i>Lutheran –Lua</i>	Automated method; Ortho Vision card/column agglutination HASB0122, HASB0041 Manual using BioVue cassettes HASB0095



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HUMAN BODY FLUIDS Blood	Serological examination activities for the purposes of clinical diagnosis HBSAG HIV Syphillis	In house documented methods incorporating manufacturers' instructions where relevant Automated using Siemens ADVIA Centaur XPT Immunoassay System and procedure BSSBA25
END		