


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9058</p> <p>Accredited to ISO 15189:2012</p>	<p>The Mid Yorkshire Hospitals NHS Trust</p> <p>Issue No: 005 Issue date: 11 August 2021</p>	
	<p>Blood Science Department Pathology Pinderfields Hospital Aberford Road Wakefield WF1 4DG</p>	<p>Contact: Janet English Tel: +44 (0) 1924 317003 E-Mail: Janet.English2@nhs.net Website: https://www.midyorks.nhs.uk/</p>
<p>Testing performed by the Organisation at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
<p>Address</p> <p>Blood Science Department Pathology Pinderfields Hospital Aberford Road Wakefield WF1 4DG</p>	<p>Local contact</p> <p>Janet English (details as above)</p>	<ul style="list-style-type: none"> • Haematology • Blood Transfusion • Chemistry 	A
<p>Dewsbury and District Hospital Halifax Road Dewsbury WF13 4HS</p>	<p>Janet English (details as above)</p>	<ul style="list-style-type: none"> • Haematology • Blood Transfusion • Chemistry 	B

Site activities performed away from the locations listed above:

Location details	Activity
<p>Pinderfields Hospital Maternity A&E Theatres Critical Care Haematology Outpatients Haematology Day unit</p>	<ul style="list-style-type: none"> • Management of blood fridge • Phlebotomy
<p>Dewsbury and District Hospital Ridings Theatres Ridings Ground Floor</p>	<ul style="list-style-type: none"> • Management of blood fridge • Phlebotomy



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Location details	Activity
Pontefract Hospital Laboratory Haematology Day Unit	<ul style="list-style-type: none">• Management of blood fridge• Phlebotomy



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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 diagnosis:</u> Quantitative determination of:	Documented in house methods and manufacturer's instructions for Roche Cobas c702 module SOP-BIO-037 Roche Cobas c501 module SOP-BIO-039 by photometry	A B
Serum	Alanine Transaminase		A, B
Serum	Albumin		A, B
Serum	Alkaline Phosphatase		A, B
Plasma	Ammonia		A & B
Serum	Amylase		A, B
Serum	AST		A
Serum	Bicarbonate		A & B
Serum	Bile acids		A
Serum	Bilirubin		A, B
Serum	Calcium		A, B
Calculation	Calcium (Adjusted)		A, B
Urine	Calcium		A & B
Serum	Cholesterol (Total)		A & B
Serum	Creatine Kinase		A & B
Serum	Creatinine		A, B
Urine	Creatinine		A & B
Serum	Direct Bilirubin		A & B
Serum	Ethanol		A
Serum	Gamma-GT		A
Plasma	Glucose		A, B
Urine	Glucose		A & B
Serum	HDL		A & B
Serum	Iron		A
Plasma	Lactate		A
Serum	LDH		A
Serum	Lipase		A
Serum	Lithium		A
Serum	Magnesium		A, B
Urine	Magnesium		A & B
Serum	Paracetamol		A, B
Serum	Phosphate		A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
	Quantitative determination of: (cont'd)	Roche Cobas c702 module SOP-BIO-037 Roche Cobas c501 module SOP-BIO-039 by photometry	A B
Urine	Phosphate		A & B
Serum	Salicylate		A, B
Serum	Total Protein		A & B
Serum	Triglycerides		A & B
Serum	Urate		A & B
Serum	Urea		A, B
	Quantitative determination of:	Roche Cobas c702 module SOP-BIO-037 Roche Cobas c501 module SOP-BIO-039 by turbidmetry	A B
Urine	Albumin		A & B
Serum	Alpha-1-Antitrypsin		A
Serum	ASO		A
Serum	C3		A
Serum	C4		A
Serum	Caeruloplasmin		A
Serum	CRP		A, B
Serum	Gentamicin		A
Serum	Haptoglobin		A
Serum	IgA		A
Serum	IgG		A
Serum	IgM		A
Urine, CSF	Protein		A & B
Serum	Rheumatoid Factor		A & B
Serum	Total Immunoglobulin E		A
Serum	Transferrin		A
Serum	Valproic Acid		A
Serum	Vancomycin		A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
	Quantitative determination of:	Roche Cobas e602 module SOP-BIO-037	A
		Roche Cobas e411 module SOP-BIO-039	B
		Measurement by electrochemiluminescence immunoassay (ECLIA)	
Serum	Alpha Feto protein		A
Plasma	NT – Pro Brain Natriuretic Peptide		A
Serum	C.E.A.		A
Serum	CA125		A
Serum	CA153		A
Serum	CA199		A
Serum	Cortisol		A
Serum, Plasma	Digoxin		A & B
Serum	Ferritin		A & B
Serum	Folate		A & B
Serum	Follicle Stimulating Hormone		A & B
Serum	Free T3		A
Serum	Free T4		A & B
Serum	Human Chorionic Gonadotrophin		A, B
Serum	Luteinising Hormone		A & B
Serum	Macroprolactin		A
Serum	Oestradiol		A
Serum	Progesterone		A
Serum	Prolactin		A & B
Serum	Prostatic Specific Antigen		A & B
Plasma	PTH		A
Serum	Sex hormone binding globulin		A
Serum	Testosterone		A
Serum	TPO Antibodies		A
Serum	Troponin-T (high sensitivity)		A, B
Serum	TSH		A & B
Serum	Vitamin B12 (total)		A & B
Serum	Vitamin D		A



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
	Quantitative determination of:	Roche Cobas c702 SOP-BIO-037	A
		Roche Cobas c501 SOP-BIO-039	B
Serum	Phenytoin	Measurement by enzyme immunoassay	A
Serum	Theophylline		A & B
			A
Serum	Carbamazepine	Roche Cobas c702 using suppliers methods and measurement by microparticle agglutination immunoassay	A
		SOP-BIO-082	



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HUMAN BODY FLUIDS (cont'd)	<u>Biochemistry examination activities for the purpose of diagnosis:</u> (cont'd)	Documented in house methods and manufacturer's instructions for	
		Roche Cobas C702 module SOP-BIO-37	A
		Roche Cobas c501 module SOP-BIO-039	B
		by indirect ion selective electrode	
Serum, Urine	Chloride		A, B
Serum, Urine			A, B
Serum, Urine	Potassium		A, B
Serum, Urine	Sodium		A, B
CSF	Xanthochromia	Uvikon XL Spectrophotometer using measurement by spectrophotometry	A
		SOP-BIO-057	
Whole Blood	HbA1C IFCC Standardised	Tosoh G8 Analyser using high pressure cation exchange chromatography	A
		SOP-BIO-045	
Urine	pH	Mettler Toledo Five Easy F20 pH meter using suppliers methods and measurement by potentiometry SOP-BIO-027	A



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<p>HUMAN BODY FLUIDS (cont'd)</p> <p>Sweat</p>	<p><u>Biochemistry examination activities for the purpose of diagnosis:</u> (cont'd)</p> <p>Conductivity & chloride measurement.</p>	<p>Documented in house methods and manufacturer's instructions for</p> <p>Wescor 3700 SYS Macroduct Sweat Collection System using suppliers methods by pilocarpine iontophoresis BIO_SOP_LPT_Man_132 Sherwood MK2 926S chloride meter by suppliers methods and measurement by Argentimetry BIO_SOP_LPT_Man_134 Wescor 3120 Sweat•Chek Conductivity Analyser using suppliers methods and measurement by conductivity BIO_SOP_LPT_Man_133</p>	<p>A & B</p>



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis</u>	Documented procedures and manufacturer's instructions for	
Blood	Full Blood Count (FBC) analysis for the following parameters:	Sysmex XN Series analyser using fluorescence flow cytometry XN 9000	A
	Haemoglobin	Sysmex XN Series analyser using fluorescence flow cytometry XN 2000	B
	WBC – differential neutrophils, lymphocytes, monocytes, basophils, eosinophils	SOP-HAEM-001 SOP-HAEM-002 SOP-HAEM-005 SOP-HAEM-012	
	Retics Nucleated Red Blood cell count Platelets MCV MCH MCHC RDW		
Plasma	Manual coagulation testing for PT, APTT	KC1 manual mechanical clotting time SOP-HAEM-089	A, B
		Sysmex CS-2500i Sysmex CS-5100 Optical analysis of turbidimetric and colorimetric changes SOP-HAEM_062 overview of analysers SOP_HAEM_064 Processing QC and changing reagents	A & B A
	Prothrombin time INR APTT/ APTT ratio Fibrinogen Thrombin Time D-dimer Anti-Xa	SOP_HAEM_074 SOP_HAEM_074 SOP_HAEM_075 SOP_HAEM_076 SOP-HAEM_078 SOP-HAEM_077 SOP_HAEM_098	A, B A, B A, B A, B A A, B A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis</u> (cont'd)	Documented procedures and manufacturer's instructions for	
Blood	Plasma Viscosity	Benson plasma viscometer SOP-HAEM-228 Documented in-house methods to meet the requirements of the Sickle Cell and Thalassemia screening programme(s) as defined in the July 2018 'NHS Sickle Cell and thalassemia screening: Laboratory QA evidence requirements.	A
Blood	Hb variant screening percent HBA2 and HBF	Bio-rad variant II HPLC SOP_HAEM_179 Sample analysis SOP_HAEM_184 antenatal processing	A
Blood	Blood film analysis: White cell differential Immature leucocytes Red cell structural abnormality Platelet structure and number	Blood smears – light microscopic identification of pathological processes SOP-HAEM-115 SOP-HAEM-116 Using Aerospray slide stainer for May-Grunwald-Giemsa SOP-HAEM-113 RAL Stainer for May-Grunwald Giemsa SOP-HAEM-225 SP-10 Wright single stain May-Giemsa stain Wright-Giemsa stain SOP-HAEM-226	A & B
Blood	Detection of malaria parasites: Plasmodium falciparum Plasmodium vivax Plasmodium malariae Plasmodium ovale	Immunochromatographic assay using Humasis Malaria Antigen Kit Thin film light microscopic analysis with May-Giemsa Stain and thick blood film using Fields stain A and B SOP –HAEM- 111 SOP-HAEM-112	A & B



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination for the purpose of clinical diagnosis (cont'd)</u>	Documented procedures and manufacturer's instructions for	
Blood	Infectious mononucleosis	Clearview IM screening Kit for infectious mononucleosis detection Sandwich ELISA SOP-HAEM-122	A & B
Blood	G6PD	Trinity Biotech G6PD screening kit Production of a fluorescence or its absence under UV light SOP-HAEM-121	A & B
Blood	Sickle cell test	Clin-tech Sickle test SOP-HAEM-186 based on deoxy-HbS solubility in phosphate buffers	A
Bone Marrow	Reporting of normal and abnormal morphologies	Jenner and Giemsa stain and Perls Iron Stain SOP-HAEM-117 SOP-HAEM-118 SOP-HAEM-119 SOP-HAEM-120 SOP-HAEM-243	A & B
	<u>Blood transfusion examinations to assist in clinical investigations</u>	Documented procedures and manufacturer's instructions for	
Blood Plasma	Compatibility testing of patients plasma with donor cells	Manual Cross matching using Bio-Rad Column gel IAT technology/saline spin technique SOP_BT_030 SOP_BT_062 SOP_BT_049	



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HUMAN BODY FLUIDS	<u>Blood transfusion examinations to assist in clinical investigations</u> (cont'd)	Documented procedures and manufacturer's instructions for	
Blood Plasma	Blood group by detection and identification of antigens : 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 A Rh D Positive Including the presence of A2 antigens	Automated using Bio-Rad IH-1000 analyser SOP_BT_AUTO_018	A & B
Blood Plasma	Antibody screen by detection of antibodies to: Rh – C, c, D, E, e, Cw Kell – K, k, Kpa Duffy – Fya, Fyb MNSs – M, N, S, s Kidd – Jka, Jkb Lewis – Lea, Leb Lutheran – Lua P – P1	Automated using Bio-Rad IH-1000 analyser SOP_BT_AUTO_018	A & B
Blood	Direct Antiglobulin Test (DAT)	Automated method using Bio-Rad IH-1000 analyser SOP_BT_AUTO_018	A & B



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Blood Plasma	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 Including the presence of A2 antigens	Manual Bio-Rad Column gel IAT technology SOP_BT_074 SOP_BT_026	A & B
Blood Plasma	Antibody screen by detection of antibodies to: Rh – C, c, D, E, e, Cw Kell – K, k, Kpa Duffy – Fya, Fyb MNSs – M, N, S, s Kidd – Jka, Jka Lewis – Lea, Leb Lutheran – Lua P – P1	Manual Bio-Rad Column gel IAT SOP_BT_027 SOP_BT_076	A & B
Blood	Direct Antiglobulin Test (DAT)	Manual method Bio-Rad Column gel IAT technology SOP_BT_025	A & B
Blood Plasma	Antibody investigation by detection and identification of: Rh- C, c, D, E, e, Cw Kell – K, k, Kpa Duffy – Fya, Fyb MNSs – M, N, S, s Kidd – Jka, Jkb Lewis – Lea, Leb Lutheran - Lua	Bio-Rad Column gel IAT technology/tube spin agglutination SOP_BT_027 SOP_BT_072 SOP_BT_076 SOP_BT_078	A & B

END