


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 9663 Accredited to ISO 15189:2012	Southern Health and Social Care Trust Issue No:003 Issue date: 18 November 2021	
	Haematology & Blood Tranfusion Craigavon Area Hospital 68 Lurgan Road Portadown BT63 5QQ	Contact: Graham Scott Tel: +44 (0) 28 38612809 E-Mail: Graham.Scott@southerntrust.hscni.net Website: http://www.southerntrust.hscni.net/1681.htm
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
Craigavon Area Hospital 68 Lurgan Road Portadown BT63 5QQ United Kingdom Local contact Graham Scott Tel: +44 (0) 28 38612809	Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridge Issue of Blood and Blood Products Andrology	A
Daisy Hill Hospital 5 Hospital Road Newry BT35 8DR Local contact Graham Scott Tel: +44 (0) 28 38612809	Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridge Issue of Blood and Blood Products	B



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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 as specified below:	<u>Haematology examination activities for the purposes of clinical diagnosis</u>	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)	<p>Symex HST automated tracked system including; XE2100 blood count analysers x 2 SP1000i slide maker TS500 archiver</p> <p>Using photometry, impedance and light scatter</p> <p>SOP: 1FBCANALYSIS2</p>	A
Whole Blood	Assessment for cell typing and morphology including white blood cell differential for enumeration of cell types.	<p>Symex XT1800</p> <p>Manual SOP – Microscope SOP:1DWCCPROCEDURE</p>	B A
Whole Blood	ESR	<p>StaRRsed InteRRliner V8 SOP: 1ESRPROCEDURE2</p>	A
Whole Blood (citrated)	Prothrombin (INR)	<p>Symex CS2100i Transmitted light for detection of clotting time SOP: 1COAGSCREEN</p>	A, B
Whole Blood (citrated)	<p>Coagulation Screen:</p> <p>Prothrombin Time Activated Partial Thromboplastin Time Thrombin Clotting time Fibrinogen</p>	<p>Symex CS2100i SOP 1COAGSCREEN</p> <p>All parameters use transmitted light to detect clotting time. Fibrinogen measurement uses the Clauss method</p>	A, B



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HUMAN BODY FLUIDS (cont'd) as specified below:	<u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Whole Blood	Sickle Cell Screen	Sicklelex The reaction using SICKLEDEX is based on the relative insolubility of Hb - S when combined with a buffer and a reducing agent. SOP: 1HAEMOGLOBINS	A
Whole Blood	Lupus Anticoagulant	Sysmex CS2100i Based on APTT SOP: 1COAGTHROMBOPHILIA	A
Whole Blood	Infectious Mononucleosis Screen	The Mononucleosis Rapid Test Device (serum/plasma) Colibri Instalert. SOP: 1INFMONO	A, B
Blood films	Detection of <i>Plasmodium</i> spp. Detection of Malarial antigens of: <i>Plasmodium falciparum</i> and pan-detection for: <i>Plasmodium falciparum</i> , <i>Plasmodium malariae</i> , <i>Plasmodium ovale</i> , <i>Plasmodium vivax</i>	Stained blood films (Combination of routine 'Modified Wrights' and Giemsa) CareStart Malaria Rapydtest Kit SOP:1MALARIA	A
Bone Marrow	Bone Marrow Reporting-assessment for cell typing and morphology	May Grunwald Giemsa stain – examined by microscopy SOP IDWCCBMHANDLING, IDWCCWESTAIN Haemosiderin staining (Perl's') SOP 1HAEMOSIDERIN	A A



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HUMAN BODY FLUIDS (cont'd) as specified below:	<u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below:	
Whole Blood	D-dimer	Sysmex CS2100i Particle-enhanced, immunoturbidometric assay for the quantitative determination of cross linked fibrin degradation products in human plasma. SOP: 1COAGSCREEN	A, B
Whole Blood	Reticulocyte Count	Sysmex XE2100 Uses RNA staining. SOP: 1FBCANALYSIS2	A
Whole Blood (citratd)	Thrombophilia Screen Tests included in the screen are both inherited; antithrombin activity, Protein C activity, Free Protein S activity and activated Protein C resistance, and acquired; lupus anticoagulant	Sysmex CS2100i SOP: COAGTHROMBOPHILIA	A
Whole Blood	Anti-Xa	Sysmex CS2100i SOP: 1COAGHEPARINXA	A
	<u>Andrology examination activities for the purposes of clinical diagnosis</u>		
Semen	Investigation of Sub Fertility: Count, motility, volume,morphology	Manual Techniques in reference to WHO 2010 Microscopic examination SOP: 1SEMENANALYSIS	A
Semen	Post Vasectomy analysis: count and motility	Manual Techniques in reference to Microscopic examination SOP: 1SEMENANALYSIS	A



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HUMAN BODY FLUIDS (cont'd) as specified below:	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u>	In house documented procedures based on equipment manuals and standard methods as specified below	
Whole Blood	AUTOMATED BLOOD GROUP A, B, O and AB groups Rh groups, anitigens-; C, c, D, E, e, Kell blood group system, antigens: K	Using Bio-Rad IH1000 (A) or Gelstation (B) & Gel cards And agglutination interface detection [1BTIH1000 & 1GELSTATION]	A, B
	MANUAL BLOOD GROUP/PHENOTYPE A, B, O and AB groups Rh groups, anitigens-;C, c, D, E, e, Kell blood group system, antigens: K Kidd blood group system, antigens: Jka Duffy blood group system, antigens: Fya MNS blood group system, antigens: S	Manual tube technique using [1BBGROUP]	
BLOOD (PLASMA)	ANTIBODY IDENTIFICATION (AUTOMATED) • A, B, O and AB groups • Rh groups, anitigens-; C, c, D, E, e, • Kell blood group system, antigens: K • Kidd blood group system, antigens: Jka, Jkb, • Duffy blood group system, antigens: Fya, Fyb, • MNS blood group system, antigens: M, N, S, s, • Lewis blood group system, antigens: Lea,Leb	Using Bio-Rad IH1000 (A) or Gelstation (B) & Gel cards And agglutination interface detection using 3 cell screen Coombs and 3 cell enzyme [1BTIH1000, 1GELSTATION and 1BBANTIBODYMETHODS]	A, B



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HUMAN BODY FLUIDS (cont'd) as specified below:	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> (cont'd)	In house documented procedures based on equipment manuals and standard methods as specified below	
BLOOD (PLASMA)	ANTIBODY DETECTION (MANUAL)	Using Albacyte 3 cell detection panel (LISS/Coombs) and macroscopic visual detection [1BBANTIBODYMETHODS]	A, B
	ANTIBODY IDENTIFICATION (MANUAL) <ul style="list-style-type: none"> • A, B, O and AB groups • Rh groups, anitigens-; C, c, D, E, e, • Kell blood group system, antigens: K • Kidd blood group system, antigens: Jka, Jkb, • Duffy blood group system, antigens: Fya, Fyb, • MNS blood group system, antigens: M, N, S, s, • Lewis blood group system, antigens: Lea,Leb 	Using Albacyte 10 cell identification panel (LISS/Coombs) and macroscopic visual detection [1BBANTIBODYMETHODS]	A
BLOOD (RED CELLS)	DIRECT COOMBS TEST (DAT) Automated	Using Bio-Rad IH1000 (A) or Gelstation (B) & Gel cards and visual detection of interface [1BTIH1000, 1GELSTATION and 1BBDATANDIAT]	A, B
	DIRECT COOMBS TEST Manual (DAT)	Manual procedures by tube technology-red cell agglutination, macroscopic visual detection [1BBDATANDIAT]	A, B



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HUMAN BODY FLUIDS (cont'd) as specified below: Whole Blood (Recipient and donor)	<u>Blood Transfusion examination activities for the purposes of clinical diagnosis</u> (cont'd) Crossmatching (compatibility testing of patient's plasma with donor red cells)	In house documented procedures based on equipment manuals and standard methods as specified below Using Diamed cards and Manual Techniques using Manual procedures by tube technology-red cell agglutination, macroscopic visual detection SOP: 1BBCROSSMATCHMETHODS & 1BBCROSSMATCHPRINCIPALS	A, B
END			