


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9663 Accredited to ISO 15189:2022	Southern Health and Social Care Trust	
	Issue No: 006 Issue date: 31 October 2025	
	Haematology & Blood Tranfusion Craigavon Area Hospital 68 Lurgan Road Portadown BT63 5QQ	Contact: Graham Scott Tel: +44 (0) 28 37563279 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 37563279	Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridge Issue of Blood and Blood Products Andrology
Daisy Hill Hospital 5 Hospital Road Newry BT35 8DR	Local contact Graham Scott Tel: +44 (0) 28 37563279	Haematology Coagulation Blood Transfusion Blood Transfusion Issue Fridge Issue of Blood and Blood Products



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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 (EDTA)	Full Blood Count Haemoglobin White blood cell count Platelet count Red blood cell count Haematocrit MCV MCH MCHC RDW Neutrophil count Lymphocyte count Basophil count Monocyte count Eosinophil count	Sysmex XN10/XN20 automated tracked system: WBC DIFF/RET: Fluorescent Flow Cytometry RBC/PLT: Hydrodynamically focus impedance HGB: Cyanide-free SLS Haemoglobin SOP: 1FBCANALYSIS	A
Whole Blood (EDTA)	Full Blood Count Haemoglobin White blood cell count Platelet count Red blood cell count Haematocrit MCV MCH MCHC RDW Neutrophil count Lymphocyte count Basophil count Monocyte count Eosinophil count	Sysmex XN20 automated tracked system: WBC DIFF/RET: Fluorescent Flow Cytometry RBC/PLT: Hydrodynamically focus impedance HGB: Cyanide-free SLS Haemoglobin SOP: 1FBCANALYSIS	B
Whole Blood (EDTA)	Reticulocyte Count	Sysmex XN20 automated tracked system including: WBC DIFF/RET: Fluorescent Flow Cytometry SOP: 1FBCANALYSIS	A



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HUMAN BODY FLUIDS as specified below: (cont'd)	<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 (EDTA)	Reticulocyte Count	Sysmex XN20 automated tracked system including: WBC DIFF/RET: Fluorescent Flow Cytometry SOP: 1FBCANALYSIS	B
Whole Blood (EDTA)	Blood film – detecting microscopic cell contents and abnormality	Sysmex XN10/XN20 automated tracked system including: SP-50 slidemaker/stainer SOP: 1FBCANALYSIS	A
Whole Blood	Assessment for cell typing and morphology including white blood cell differential for enumeration of cell types.	Manual SOP – Microscope SOP:1DWCCPROCEDURE	A
Whole Blood (EDTA)	Automated ESR	Modified Westergren Method on Starrsed RS system linked to Sysmex EIPU SOP: 1ESRPROCEDURE2	A
Whole Blood (EDTA)	Automated ESR	Modified Westergren Method on Starrsed RS system linked to Sysmex EIPU SOP: 1ESRPROCEDURE2	B
Whole Blood (citrated)	<u>Coagulation Screening</u> <u>Prothrombin (INR)</u> <u>Prothrombin Time (PT)</u> <u>Activated Partial Thromboplastin Time (aPTT)</u> <u>Thrombin Clotting Time</u> <u>Claus Fibrinogen</u>	ACL TOP 550 with measurement principals of clotting and chromogenic analysis: following types of tests: Coagulometric (Turbidimetric) Measurements (405 nm or 671 nm) Chromogenic (Absorbance) Measurements (405 nm) SOP: 1COAGGACLTOP550	A



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HUMAN BODY FLUIDS as specified below: (cont'd)	<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 (citrated)	<u>Coagulation Screening</u> <u>Prothrombin (INR)</u> <u>Prothrombin Time (PT)</u> <u>Activated Partial Thromboplastin Time (aPTT)</u> <u>Thrombin Clotting Time</u> <u>Claus Fibrinogen</u>	ACL TOP 550 with measurement principals of clotting and chromogenic analysis: following types of tests: Coagulometric (Turbidimetric) Measurements (405 nm or 671 nm) Chromogenic (Absorbance) Measurements (405 nm) SOP: 1COAGGACLTOP550	B
Whole Blood	Sickle Cell Screen	Sickledex 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	ACL TOP 550 Based on APTT SOP: 1COAGTHROMBOPHILIA	A
Whole Blood	Infectious Mononucleosis Screen	The Mononucleosis Rapid Test Device (serum/plasma) Colibri Instalart. SOP: 1INFMONO	A, B
Whole Blood	Infectious Mononucleosis Screen	The Mononucleosis Rapid Test Device (serum/plasma) Diaquick. SOP: 1INFMONO	A
Whole Blood	Infectious Mononucleosis Screen	The Mononucleosis Rapid Test Device (serum/plasma) Diaquick. SOP: 1INFMONO	B



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HUMAN BODY FLUIDS as specified below: (cont'd)	<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:	
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) CareUS 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
Whole Blood	<u>Automated D-Dimer</u>	ACL TOP 550 with measurement principals of immunological assays for the following tests: immunological measurements (405nm or 671nm)	A
Whole Blood	<u>Automated D-Dimer</u>	SOP: 1COAGGACLTOP550 ACL TOP 550 with measurement principals of immunological assays for the following tests: immunological measurements (405nm or 671nm)	B
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	ACL TOP 550 SOP: 1COAGTHROMBOPHILIA	A



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HUMAN BODY FLUIDS as specified below: (cont'd) Whole Blood	<u>Haematology examination activities for the purposes of clinical diagnosis</u> (cont'd) Anti-Xa (Low molecular weight heparin)	In house documented procedures based on equipment manuals and standard methods as specified below: ACL TOP 550 SOP: 1COAGHEPARINXA	A
HUMAN BODY FLUIDS as specified below: (cont'd) Semen	<u>Andrological examination activities for the purposes of clinical diagnosis</u> <u>Post vasectomy:</u> Detection of sperm	Based on 2016 Laboratory guidelines for post vasectomy semen analysis: Association of Biomedical Andrologists, the British Andrology Society and the British Association of Urological Surgeons) Manual method using large volume chambers/ manual microscopy and documented in-house procedure SOP 1SEMENANALYSIS	A
Semen	<u>Fertility testing:</u> Volume Sperm morphology excluding TZI scoring Sperm concentration Sperm motility	Based on WHO laboratory manual for the examination and processing of human semen (Sixth edition 2021) and manual method and documented in-house procedure SOP 1SEMENANALYSIS Volume/weight Stained slides (Romanosky) microscopy (Bright field) Improved Neubauer counting chambers and Microscopy (Phase contrast) Microscopy (Phase contrast)	A



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HUMAN BODY FLUIDS as specified below: (cont'd)	<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 IH500 (Gel cards and agglutination interface detection [1BTIH500]	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 IH500 Gel cards and agglutination interface detection using 3 cell screen Coombs and 3 cell enzyme [1BTIH500 and 1BBANTIBODYMETHODS]	A, B



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HUMAN BODY FLUIDS as specified below: (cont'd)	<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) • 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 IH500 cards and visual detection of interface [1BTIH500 and 1BBDATANDIAT]	A, B
	DIRECT COOMBS TEST Manual (DAT)	Manual procedures by tube technology-red cell agglutination, macroscopic visual detection [1BBDATANDIAT]	A, B
Whole Blood (Recipient and donor)	Crossmatching (compatibility testing of patient's plasma with donor red cells)	Using Diamed cards and Manual Techniques using Manual procedures by tube technology-red cell agglutination, macroscopic visual detection SOP: 1BBCROSSMATCHMETHODS & 1BBCROSSMATCHPRINCIPALS	A, B
END			