


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>UKAS</b> MEDICAL <b>8074</b>  Accredited to ISO 15189:2012	<b>Dumfries and Galloway Health Board</b>	
	Issue No: 009 Issue date: 16 November 2021	
	Department of Haematology & Blood Transfusion Dumfries & Galloway Royal Infirmary Cargenbridge Dumfries DG2 8RX	Contact: Martyn McAdam Tel: +44 (0)1387 241012 E-Mail: martyn.mcadam@nhs.net Website: www.dglabs.scot.nhs.uk

**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
<b>Address</b> Dumfries & Galloway Royal Infirmary Cargenbridge Dumfries DG2 8RX  <b>Local contact</b> Mr M. McAdam	Haematology, Coagulation, Blood Transfusion, Blood Storage	A
<b>Address</b> Galloway Community Hospital Dalrymple Street Stranraer DG9 7HX  <b>Local contact</b> Mrs G. Barrowman Mr M. McAdam	Haematology, Coagulation, Blood Storage	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	<u>Haematological examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures with manufacturer's instructions	
Venous whole blood: EDTA	Full Blood Count (FBC) Including:-  Haemoglobin White Blood Count Platelet Count Red Blood Count Haematocrit  MCV MCH MCHC Neutrophil count Lymphocyte count Monocyte count Eosinophil count Basophil count Reticulocytes	Beckman Coulter DxH900-3, Beckman Coulter DxH 800 Analyser with specific reference to SOP: H-R-2 (see Quality manual for end points) H-R-15 H-R-29 H-R-48	A B
Venous whole blood: EDTA	Blood Film for detection of abnormalities	Light microscopy with reference to: H-SI-20 H-SI-21 H-SI-22 H-SI-24 H-SI-25	A only  A, B (prep only)
Venous whole blood: EDTA	Blood Film for detection of abnormalities	Siemens Hematek 3000 staining instrument with reference to: H-SI-26	A
Venous whole blood: EDTA	Malaria Parasite screening and Plasmodium speciation: P. falciparum Non P. falciparum	Manual staining thin films with rapid giemsa and thick films with Fields stain and with reference to: H-SI-11 H-SI-13 H-SI-27	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures with manufacturer's instructions	
Human Bone marrow	Bone Marrow Film for the detection of abnormalities	Siemens Hematek 3000 staining instrument with reference to: H-SI-5 H-SI-10 H-SI-19	A
Venous whole blood: EDTA	Sickle Cell Solubility	Manual Sickledex HbS kit with reference to:H-SI-7	A
Venous Blood: Citrated	Prothrombin time/INR	Stago STA R Max 2 (x2 DGI, x1 GCH) with reference to: H-C-21 H-C-39 H-C-41	A,B
Venous blood: Citrated	Activated Partial Thromboplastin time	Automated APTT/APTT ratio using Stago STA R Max 2 (x2 DGI, x1 GCH) with reference to: H-C-25 H-C-39 H-C-42	A,B
Venous blood: Citrated	Clauss Fibrinogen	Stago STA R Max 2 (x2 DGI, x1 GCH) with reference to: H-C-43	A,B
Venous blood: Citrated	D Dimer	Stago STA R Max 2 (x2 DGI, x1 GCH) with reference to: H-C-44	A,B
Venous blood: Citrated	Lupus Anticoagulant	Stage STA R Max 2 with reference to: H-C-49	A
Venous Blood: Citrated	Low molecular weight Heparin Anti Xa	Therapeutic drug monitoring, preparation and examination by Stago STA R Max 2 (x2 DGI) with reference to: H-C-18 H-C-37	A



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HUMAN BODY FLUIDS (cont'd)	<u>Haematological examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures with manufacturer's instructions	
Whole blood, plasma	Blood Transfusion examinations to assist in clinical investigations  Blood Group, A, B, O and AB groups Rh groups, antigen D	Automated Haemagglutination technique on the Echo instrument (IBG Immucor Ltd.).	A
Whole blood, plasma	Blood group antigens, A, B, D, C, c, E, e, Kell, Duffy(a), Duffy(b), Lewis(a), Lewis(b), S, s, M, N, Kidd(a), Kidd(b) and A1.	ABD antigens via automated grouping on Echo instrument. SOP's: H-BT-102, H-BT-103, H-BT-104 and H-BT-105	A
	Blood Group antibodies which can be identified as single specificity are D, C, c, E, e, Kell, k, 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).	Documented in-house procedures for Rh & K antigens using manual Ortho card technique. SOP: H-BT-55  A1 antigens using manual tube technique. SOP: H-BT-55.  Fy <sup>a</sup> , Fy <sup>b</sup> , Jk <sup>a</sup> , Jk <sup>b</sup> , S, s and M antigens using manual Ortho card techniques. SOP: H-BT-55.  Automated antibody screening and identification methods using the Immucor Echo analyser, as per SOP H-BT-102.  Additional manual antibody investigations using an 11 cell Ortho panel and Ortho cards. SOP: H-BT-5	A



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Venous blood: plasma, red cells.	Blood Transfusion examinations to assist in clinical investigations (cont'd)		
	Direct Antiglobulin Test	Manual Column agglutination technique based on Ortho in-house procedures with reference to: H-BT-10 Direct Antiglobulin Test Detecting Immunoglobulin IgG and complement C3b C3d, attached to red blood cells	A
	Compatibility testing	Manual Column agglutination technique based on Ortho, in-house procedures with reference to: (i) H-BT-3 BioVue Crossmatching Procedure (manual technique)  (ii) H-BT-58 Crossmatching on High Risk Patients (manual technique)  (iii) H-BT-102 Routine Operation of the Immucor Echo analyser (automated technique)	A
END			