


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to ISO 15189:2012</p>	<b>University Hospitals Birmingham NHS Foundation Trust</b>  <b>Issue No: 009 Issue date: 18 September 2020</b>	
	<b>Queen Elizabeth Hospital Birmingham</b> <b>Haematology and Transfusion Department</b> <b>Mindelsohn Way</b> <b>Edgbaston</b> <b>Birmingham</b> <b>B15 2WB</b>	<b>Contact: Jennie Davis</b> <b>Haematology Laboratory Manager</b> <b>Tel: 0121 3715961</b> <b>Internal: 15961</b> <b>Email: jennifer.davis2@uhb.nhs.uk</b> <b>Web: http://www.uhb.nhs.uk</b>
<b>Testing performed at the above address only</b>		

### Additional site activities performed at main location listed above:

Location details	Activity
<b>ED RESUS AREA LEVEL 1</b> Queen Elizabeth Hospital Birmingham B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood
<b>CRITICAL CARE D LEVEL 2</b> Queen Elizabeth Hospital Birmingham B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood
<b>CRITICAL CARE A LEVEL 2</b> Queen Elizabeth Hospital Birmingham B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood
<b>MAIN THEATRE LEVEL 2</b> Queen Elizabeth Hospital Birmingham B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood
<b>THEATRE 3 LEVEL 2</b> Queen Elizabeth Hospital Birmingham B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood
<b>WARD 621 LEVEL 6</b> Queen Elizabeth Hospital Birmingham, B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood
<b>WARD 625 LEVEL 6</b> Queen Elizabeth Hospital Birmingham B15 2WB  <b>Local Contact</b> Jennie Davis	Satellite Blood Issue Fridge for storage of blood



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Location details	Activity
Welcome Theatre 2 <sup>nd</sup> Floor Heritage Building Queen Elizabeth Hospital Birmingham B15 2WB	<b>Local Contact</b> Jennie Davis Satellite Blood Issue Fridge for storage of blood
Interventional Radiology Queen Elizabeth Hospital Birmingham B15 2WB	<b>Local Contact</b> Jennie Davis Satellite Blood Issue Fridge for storage of blood

#### Site activities performed away from the main laboratory location listed above:

Location details	Activity
Royal Orthopaedic Hospital Birmingham B31 2AP	<b>Local Contact</b> Jennie Davis Satellite blood issue fridge for storage of blood



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#### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
HUMAN BODY FLUIDS	<u>Haematology examination activities for the purposes of clinical diagnosis:</u>	Documented In-house methods incorporating manufacturers' instructions where relevant:
Venous whole blood: EDTA	Haemoglobin S detection (HbS)	<b>TCS Biosciences Sickle-Check</b> kit. Solubility test. HHH_S035
Venous whole blood: EDTA	Malarial antigens for: Plasmodium falciparum and pan-detection for: Plasmodium malariae, Plasmodium ovale & Plasmodium vivax	<b>Rapydtest Carestart</b> kit. Antigen detection. HRA_S086
Venous whole blood: EDTA	Malaria Parasite detection and speciation P. falciparum P. ovale P. vivax P malariae	<b>Microscopic</b> analysis: Manual slide making and staining by thin film. HRA_S014
HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purposes of clinical diagnosis (cont'd):</u>	Documented In-house methods incorporating manufacturers' instructions where relevant:
Venous whole blood: EDTA	Glandular Fever Screen – detection of infectious mononucleosis heterophile antibodies	<b>Accusay</b> , immunoassay HRA_S013
Venous Blood: Citrated	<u>Coagulation examination activities for the purposes of clinical diagnosis:</u> PTT, aPTT with 50% NP	<b>ACL TOP 550:</b> Turbidimetric clot detection measurement. HRA_S056



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Venous Blood: Citrated	Prothrombin (Factor II), Factor V, VII, VIII, IX, X, XI, XII F.VIII pre treatment, post treatment F.IX pre treatment, post treatment	Turbidimetric clot detection measurement. HHH_S074
Venous Blood: Citrated	Fibrinogen	Turbidimetric clot detection measurement. HRA_S057
Venous Blood: Citrated	F.VIII inhibitor (H)	Turbidimetric clot detection measurement. HHH_S004
Venous Blood: Citrated	INR PT PT with 50% NP	Turbidimetric clot detection measurement. HRA_S055
Venous Blood: Citrated	Inhibitor Screen	Turbidimetric clot detection measurement. HHH_S084
Venous Blood: Citrated	Lupus Anticoagulant	Turbidimetric clot detection measurement. HHH_S069
Venous Blood: Citrated	Antithrombin function	Chromogenic measurement. HHH_S092



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examination activities for the purposes of clinical diagnosis</u> (cont'd):	ACL TOP 550 (cont'd):
Venous Blood: Citrated	Protein C function	Documented In-house methods incorporating manufacturers' instructions where relevant: Chromogenic measurement. HHH_S092
Venous Blood: Citrated	Free Protein S antigen	Latex particle immunoturbidimetric measurement. HHH_S092
Venous Blood: Citrated	D-Dimer	Immunological measurement. HRA_S058
Venous Blood: Citrated	Thrombin Time	Turbidimetric clot detection measurement. HHH_S018
Venous Blood: Citrated	VWF:Ristocetin Cofactor Activity pre treatment, post treatment	Latex particle immunoturbidimetric measurement. HHH_S093
Venous Blood: Citrated	VWF:Ag Antigen pre treatment, post treatment	Latex particle immunoturbidimetric measurement. HHH_S093
Venous Blood: Citrated	Anti-Xa: Unfractionated Heparin(UFH) Low Molecular Weight Heparin(LMWH) Rivaroxaban Apixaban Fondaparinux (Arixtra)	ACL TOP 550 Chromogenic measurement: HHH_S086
Venous Blood: Citrated	Prothrombin Time: PT	<b>Manual</b> Method. Waterbath HRA_S001
Venous Blood: Citrated	Activated Partial Thromboplastin Time: APTT	<b>Manual</b> Method. Waterbath HRA_S001
Venous Blood: Citrated	VWF Collagen Binding	<b>Manual</b> Method: ELISA HHH_S087



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examination activities for the purposes of clinical diagnosis (cont'd):</u>	
Venous Blood: Serum	Heparin Induced Thrombocytopenia screening (HIT)	<b>Manual Method:</b> ELISA HHH_S085
Venous Blood: Citrated	ADAMTS_13 activity ADAMTS_13 inhibitor	<b>Manual Method:</b> ELISA HHH_S088 <b>Manual Method:</b> ELISA HHH_S089
	<u>Transfusion examination activities for the purposes of clinical diagnosis:</u>	Documented In-house methods incorporating manufacturers' instructions where relevant:
Venous Blood; red cells	ABO Blood Group, Rhesus typing and antibody screen – automated	<b>IBG Neo Analyser.</b> Capture antibody detection system and micro titre liquid phase grouping plate technology HBB_S119
	Detection of antigens ABO and RhD groups Screening of antibodies Anti-D, C, E, c, e, Cw, K, k, Kp(a), Kp(b), Fy(a), Fy(b), Jk(a), Jk(b), Le(a), Le(b), P1, M, N, S, s, Lu(a) and Lu(b).	<b>Bio-rad system. Column agglutination technology:</b>
Venous Blood; red cells	ABO Blood Group, Rhesus typing and antibody screen – automated	HBB_S129
	Detection of antigens ABO and RhD groups Screening of antibodies anti-D, C, E, c, e, Cw, K, k, Kp(a), Kp(b), Fy(a), Fy(b), Jk(a), Jk(b), Le(a), Le(b), P1, M, N, S, s, Lu(a) and Lu(b).	
Venous Blood; plasma	Enzyme panel, Indirect Antiglobulin Test panel Identification of antibodies: Anti-D, C, E, c, e, Cw, K, k, Kp(a), Kp(b), Fy(a), Fy(b), Jk(a), Jk(b), Le(a), Le(b), P1, M, N, S, s, Lu(a) and Lu(b).	HBB_S131
Venous Blood; plasma	Phenotype of antigens	HBB_S134



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HUMAN BODY FLUIDS (cont'd)	<u>Transfusion examination activities for the purposes of clinical diagnosis (cont'd):</u>	
Venous Blood; red cells	Direct Antiglobulin Test	HBB_S133
Venous Blood; red cells	Crossmatch Compatibility testing between donor red cell antigens and patient plasma antibodies.	<b>Manual</b> Tube Quick Spin Crossmatch HBB_S034 <b>BIO-RAD</b> Manual Crossmatch HBB_S130
Venous Blood; red cells	A sub type	<b>Manual</b> technique. Tube agglutination. HBB_S070

END