

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>8718 Accredited to ISO 15189:2012</p>	<p>University Hospitals Coventry and Warwickshire NHS Trust</p> <p>Issue No: 006 Issue date: 18 February 2022</p>	
	<p>Haematology Department University Hospitals Coventry & Warwickshire NHS Trust Clifford Bridge Road Coventry West Midlands CV2 2DX</p>	<p>Contact: Dr Beth Harrison Tel: +44 (0)2476 965830 E-Mail: beth.harrison@uhcw.nhs.uk Website: www.uhcw.nhs.uk/for-gps/pathology-services</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 Haematology Department University Hospital Coventry Clifford Bridge Road Coventry West Midlands CV2 2DX</p> <p>Local contact Tina Taylor – BT Nigel Blease – Haem Jo Nicholson - Phlebotomy</p>	<p>Haematology, Blood Transfusion Phlebotomy Blood storage</p> <ul style="list-style-type: none"> • Issue Fridge • Stock fridge 1 • Stock fridge 2 • Cold Room 	A
<p>Address Blood Sciences Laboratory South Warwick Hospital Lakin Road, Warwickshire</p> <p>Local contact Tina Taylor – BT Nigel Blease – Haem Jo Nicholson - Phlebotomy</p>	<p>Haematology, Blood Transfusion Phlebotomy Blood storage (2 blood fridges)</p>	B
<p>Address Blood Sciences Laboratory, George Eliot Hospital College Street Nuneaton</p> <p>Local contact Tina Taylor – BT Nigel Blease – Haem Jo Nicholson - Phlebotomy</p>	<p>Haematology, Blood Transfusion Phlebotomy Blood storage (3 blood fridges)</p>	C



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Site activities performed away from the locations listed above:

Location details	Activity
<p>Address Labour ward University Hospital Coventry Clifford Bridge Road Coventry West Midlands CV2 2DX</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	Blood Storage
<p>Address Central Theatres University Hospital Coventry Clifford Bridge Road Coventry West Midlands CV2 2DX</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	Blood Storage
<p>Address Cardiothoracic Critical Care University Hospital Coventry Clifford Bridge Road Coventry West Midlands CV2 2DX</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	Blood Storage
<p>Address Ward 34 University Hospital Coventry Clifford Bridge Road Coventry West Midlands CV2 2DX</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	Blood Storage
<p>Address Emergency Assessment Unit University Hospital Coventry Clifford Bridge Road Coventry West Midlands CV2 2DX</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	Blood Storage
<p>Address Aylesford Unit South Warwick Hospital Lakin Road Warwickshire</p> <p>Local Contact Tina Taylor John Hyslop</p>	Blood storage



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Location details	Activity
<p>Address Theatres George Eliot Hospital College Street Nuneaton</p> <p>Local Contact Tina Taylor Rachel Wookey</p>	<p>Blood storage</p>
<p>Address Labour ward George Eliot Hospital College Street Nuneaton</p> <p>Local Contact Tina Taylor Rachel Wookey</p>	<p>Blood storage</p>
<p>Address Pathology Reception Hospital of Rugby St Cross Barby Road Rugby</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	<p>Blood storage</p> <p>Sampling-Phlebotomy</p> <ul style="list-style-type: none"> Collection of blood specimens by venepuncture in adults
<p>Address Stratford Hospital Arden Street Stratford-upon-Avon</p> <p>Local Contact Jo Nicholson April Williams</p>	<p>Sampling-Phlebotomy</p> <ul style="list-style-type: none"> Collection of blood specimens by venepuncture in adults
<p>Address City of Coventry Health Centre Stoney Stanton Road Coventry</p> <p>Local Contact Jo Nicholson Sheila Purnell</p>	<p>Sampling-Phlebotomy</p> <ul style="list-style-type: none"> Collection of blood specimens by venepuncture in adults
<p>Address Theatre BMI Hospital, Clifford Bridge Road, Coventry</p> <p>Local Contact Tina Taylor Angela Busby Angela Jephcott</p>	<p>Blood storage</p>



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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>Blood Transfusion examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous Blood: EDTA samples	Blood Grouping (adult, ante-natal, paediatric, neonatal) <ul style="list-style-type: none"> A B O Rhesus D 	Automated Column Agglutination Technology using ORTHO BioVue system with ORTHO VISION and VISION Max analysers BT LPR142 BT LPR30 (ante-natal)	A, B, C
		Manual methods using tube direct agglutination techniques	A, B, C
		Manual column agglutination technology using ORTHO BioVue system BT LPR145 BT LPR35 BT LPR46 BT LPR13	A, B, C
Venous Blood: EDTA samples	Antibody Screening (adult and ante-natal) <ul style="list-style-type: none"> D, C, E, c, e, Cw, Kell, k, Kpa, Fya, Fyb, Jka, Jkb, Lea, Leb, S, s, M, N, P1 Lua 	Automated Column Agglutination Technology using Ortho BioVue system with ORTHO VISION and VISION Max analysers BT LPR142 BT LPR30 (ante-natal)	A, B, C
		Manual column agglutination technology using ORTHO BioVue systemBT BT LPR145 BT LPR35 BT LPR46 BT LPR13	A, B, C



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous Blood: EDTA samples	Antibody identification (adult only) <ul style="list-style-type: none"> • D, C, E, c, e, Cw, • Kell, k, Kpa, • Fya, Fyb, • Jka, Jkb, • Lea, Leb, • S, s, M, N, • P1 • Lua 	Automated column agglutination technology using ORTHO BioVue system with ORTHO VISION and VISION Max analysers	A, B, C
Venous Blood: EDTA samples	Determination of red cell antigens: <ul style="list-style-type: none"> • D, C, E, c, e, Cw, • Fya, Fyb, • Jka, Jkb, • M, N, S, s, • K, Kpa 	Manual column agglutination technology using ORTHO BioVue system	A, B, C
Venous blood: EDTA samples and donor unit pigtails	Crossmatch	Automated column agglutination technology using ORTHO BioVue system with ORTHO VISION and VISION Max analysers	A, B, C
		Manual column agglutination technology using ORTHO BioVue system	A, B, C
		Manual methods using tube direct agglutination techniques	A, B, C
		BT LPR71 BT LPR 83 BT LPR 146	
		Manual column agglutination technology using ORTHO BioVue system	A, B, C
		BT LPR144	



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HUMAN BODY FLUIDS (cont'd)	<u>Blood Transfusion examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous blood: EDTA samples	Kleihauer for foetal/maternal bleed estimation	Acid Elution – Clintech Kit BT LPR63	A
		Acid Elution – Guest Kit BT LPR12	B
		Acid Elution – Source Bioscience BT LPR61	C
Venous blood: EDTA samples	Direct Antiglobulin Test – Polyspecific and Monospecific	Automated column agglutination technology using ORTHO BioVue system with ORTHO VISION and VISION Max analysers Manual column agglutination technology using ORTHO BioVue system BT LPR 147	A, B, C
HUMAN BODY FLUIDS	<u>Coagulation examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous Blood: Citrated	PT/APTT/TT	Manual method using Siemens Innovin and Siemens Actin FS reagents HA LPR231	A, B



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous Blood: Citrated	<ul style="list-style-type: none"> • Prothrombin time - PT, APTT, Clauss • Fibrinogen • D-Dimer 	Automated using Sysmex CS5100 and CS2100i: Turbidometric method Siemens Innovin to measure PT Siemens Actin FS to measure APTT HA LPR231 Turbidometric method HA LPR231 Clotting assays using Immunoturbidometric method HA LPR 232	A, B
	<ul style="list-style-type: none"> • Factor assay - 2, 5, 7, 8, 9,10,11 and 12, 13 • Protein S • Lupus anticoagulant • Inhibitor screening • Quantitative Factor Assay (Bethesda Units) and Activated 	Clotting assays using turbidometric method HA LPR198 HA LPR70	A
	Protein C resistance	Turbidometric method HA LPR99	A
	Von Willebrands RiCof	Immunoassay HA LPR69	A
	Von Willebrands Factor antigen	SOP HA LPR199	A



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HUMAN BODY FLUIDS (cont'd)	<u>Coagulation examination activities for the purpose of clinical diagnosis (cont'd)</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Whole blood: EDTA	Quantitative CD4 detection	Beckman Coulter Navios Flow Cytometer HALPR206	B
	Qualitative HLA B27 Screening	Beckman Coulter Navios Flow Cytometer HALPR224	B
	CD34 enumeration	HALPR218	B
	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous whole blood: EDTA	ESR	StaRRsed Interliner XN StaRRsed Compact using Westergren method HA LPR33 HA LPR34 HA LPR106	A C
Venous whole blood:	Full Blood Count (FBC) Haemoglobin White Blood Cell Count Red Blood cell count Platelet count White Blood cell Differential count Reticulocytes	Siemens Advia 2120i System Blood Cell Analysis System HA LPR3 HA LPR127 HA LPR128 HA LPR132	A, B, C
Venous Whole Blood:	Plasma Viscosity	Benson Plasma Viscometer	C



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous whole blood, plasma or serum	Qualitative and semiquantitative determination of specific Infectious Mononucleosis heterophile antibodies	Monogen latex antigen kit HA LPR188	A, B, C
Venous whole blood: EDTA	Screening to detect the presence of Haemoglobin-S	Documented in house methods to meet the requirements of the SCT screening programme as defined in the July 2018 sickle cell and thalassaemia screening: laboratory QA evidence requirements Microgen Bioproducts sickle solubility test kit HA LPR27 HA LPR119 HA LPR45	A, B, C
Venous whole blood: EDTA	Haemoglobinopathy screening for: <ul style="list-style-type: none"> • Haemoglobin AS • Haemoglobin AC • Haemoglobin AD^{Punjab} • Haemoglobin AE • Haemoglobin AO^{Arab} • Haemoglobin ALepore • βThalassaemia carrier • δβThalassaemia carrier • α^othalassaemia carrier 	Electrophoresis using Sebia Capillary 2 Flex piercing analyser Sebia Hydrasys Hb electrophoresis analyser using alkaline and acid gels. SOPs HA LPR210 HA LPR211 HA LPR212 HA LPR19 HA LPR29	A
Urine	Hereditary Persistence of Foetal Haemoglobin (HPFH) Haemosiderin detection	Manual Perl's stain technique HA LPR140	A, C



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous whole blood: EDTA	Detection of normal and abnormal morphologies	Sysmex SP1000i blood film maker and staining analyser Advia 2120 Autoslide Maker and Stainer Siemens Hematek 3000 Staining System	A, B, C A, C B
Urine	Haemosiderin detection	Manual Perl's stain technique HA LPR140	A, C
Venous whole blood: EDTA	Detection of normal and abnormal morphologies	Sysmex SP1000i blood film maker and staining analyser May Grunwald/Giemsa stain Manual staining with May Grunwald/Giemsa stain Staining HA LPR9 HA LPR12 HA LPR92 HA LPR105 HA LPR109 HA LPR113 HA LPR134 Reporting - HA LPR8	A, B, C
Bone Marrow aspirate	Detection of normal and abnormal morphologies	Sysmex SP1000 blood film maker and staining analyser May Grunwald/Giemsa stain HA LPR4 HA LPR14 HA LPR139 Manual staining using Perl's Prussian Blue (aspirate only) HA LPR140	A, B, C A,B,C



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HUMAN BODY FLUIDS (cont'd)	<u>Haematology examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Bone Marrow aspirate stained slides	Detection of normal and abnormal morphologies	Reporting HA LPR 235	A, B, C
Venous whole blood: EDTA	Plasma Viscosity	Benson Viscometer, by flow resistance HA LPR122	B
Venous whole blood: EDTA	Screening for the detection of <i>Plasmodium falciparum</i> and <i>Plasmodium</i> spp. (Including: <ul style="list-style-type: none"> • <i>Plasmodium ovale</i> • <i>Plasmodium falciparum</i> • <i>Plasmodium malariae</i> • <i>Plasmodium vivax</i>) 	Binax Now Immunological Malaria antigen kit HA LPR229	A, B, C
	Detection and Identification of <i>Plasmodium</i> spp.: <ul style="list-style-type: none"> • <i>P. falciparum</i> • <i>P. vivax</i> • <i>P. ovale</i> • <i>P. malariae</i> • <i>P. knowlesi</i> 	<ul style="list-style-type: none"> • Giemsa stained thin films • Field's stain thick films HA LPR229	A, B, C
END			