


# 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>	<h3>NHS Blood and Transplant</h3> <p>Issue No: 004 Issue date: 07 May 2019</p>	
	<p>Red Cell Immunohaematology NHS Blood and Transplant Bridle Path Leeds LS15 7TW</p>	<p>Contact: Dr Mark Williams Tel: +44 (0)113 820 8675 E-Mail: mark.williams@nhsbt.nhs.uk Website: www.nhsbt.nhs.uk</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><b>Address</b> RCI Laboratory NHS Blood and Transplant Bridle Path Leeds LS15 7TW</p> <p><b>Local contact</b> Dianne Armstrong</p>	<p>Blood Group Serology, cross-matching and provision of blood Estimation of FMH</p>	A
<p><b>Address</b> RCI Laboratory NHS Blood and Transplant 14, Estuary Banks The Estuary Commerce Park Speke Liverpool L24 8R</p> <p><b>Local contact</b> Dan Palmer</p>	<p>Blood Group Serology, cross-matching and provision of blood Estimation of FMH Quantitation of anti-c and anti-D</p>	B
<p><b>Address</b> RCI Laboratory NHS Blood and Transplant Charcot Road Colindale London NW9 5BG</p> <p><b>Local contact</b> Tracey Tomlinson</p>	<p>Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype Estimation of FMH Quantitation of anti-c and anti-D</p>	C
<p><b>Address</b> RCI Laboratory NHS Blood and Transplant 75 Cranmer Terrace Tooting London SW17 0RB</p> <p><b>Local contact</b> Doris Lam</p>	<p>Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype</p>	D



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Location details	Activity	Location code	
<b>Address</b> RCI Laboratory NHS Blood and Transplant Vincent Drive Edgbaston Birmingham B15 2SG	<b>Local contact</b> Ian Skidmore	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype Quantitation of anti-c and anti-D	E
<b>Address</b> RCI Laboratory NHS Blood and Transplant 500, North Bristol Park Bristol BS34 7QH	<b>Local contact</b> Wendy Etheridge	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype Estimation of FMH	F
<b>Address</b> RCI Laboratory NHS Blood and Transplant Longley Lane Sheffield S5 7JN	<b>Local contact</b> Dave Ward	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype. Investigation of drug induced AIHA Determination of IgA deficiency	G
<b>Address</b> RCI Laboratory NHS Blood and Transplant Holland Drive Barrack Road Newcastle-upon-Tyne NE2 4NQ	<b>Local contact</b> Martin Maley	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype Quantitation of anti-c and anti-D	H
<b>Address</b> Manchester Blood Centre Plymouth Grove, Manchester M13 9LL	<b>Local Contact</b> Peter Rogan	Infectious disease screening	I



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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 Fluids and Tissues	<u>Red Cell Immunohaematology investigations of for the purpose of clinical diagnosis</u>	Documented procedures and manufacturer's instructions for Diamed IH1000 fully automated cassette technology with specific reference to:	
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) ABO, Rh D, C, c, D, E, e K, Cw, Fya, Fyb, Jka, Jkb, Kpa, Kpb, Lea, Leb, Lua, Lub, M, N, S, s, P1, Wra	SOP 1115 SOP 4763	A,B,C,D, E,F,G,H
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) (Manual) ABO, Rh D, C, c, D, E, e K, Cw, Fya, Fyb, Jka, Jkb, Kpa, Kpb, Lea, Leb, Lua, Lub, M, N, S, s, P1, Wra	Documented in house procedures with specific reference to: SOP 1103 SOP 1110 SOP 1113 SOP 1115	A,B,C,D, E,F,G,H
Human Whole Blood (EDTA)	Blood Group determination (phenotype) ABO, Rh D	SOP1103 Manual Gel SOP1109 Manual Tube	A,B,C,D, E,F,G,H
Human Whole Blood (EDTA); Plasma	Crossmatching Sample of representative methods:	SOP1180 Manual Gel SOP1180 Manual Tube	A,B,C,D, E,F,G,H
Human Whole Blood (EDTA); Plasma	Anti-A (transplant), Anti-B (transplant), Anti-C, Anti-c, Anti-E, Anti-e, Anti-K, Anti-M, Anti-S, Anti-s, Anti-U, Anti-Fya, Anti-Fyb, Anti-Fy3, Anti-Jka, Anti-Jkb	Manual Gel method – BioRad cassette technology. Antibody titration in pregnancy or transplant SOP1147	A,B,C,D, E,F,G,H



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
Human Fluids and Tissues (cont'd)	<u>Red Cell Immunohaematology investigations of for the purpose of clinical diagnosis (cont'd)</u>	Documented in house procedures with specific reference to:	
Human Whole Blood (EDTA); Plasma	Detection and identification of:  Anti-D, Anti- C, Anti-c, Anti- E, Anti-e, Anti-Cw, Anti-Fya, Anti-Fyb, Anti-Jka, Anti-Jkb Anti-Kpa, Anti-Kpb, Anti-Lea, Anti-Leb, Anti-Lua, Anti-Lub, Anti-M, Anti-N, Anti-S, Anti-s, Anti-P1 Antibodies to low frequency antigens Antibodies to high frequency antigens High Titre Low Avidity antibodies Autoantibodies	Adsorption SOP1113,SOP1115  Neutralisation SOP1184  Elution SOP4742  SOP1141 SOP1142 SOP1144	A,B,C,D, E,F,G,H
Human Whole Blood (EDTA); Plasma	Quantitation of antibodies  Anti-c / Anti-D	Documented procedures and manufacturer's instructions for Hamilton Astoria 2 using papain pre-treatment with specific reference to:  SOP1177  Documented procedures and manufacturer's instructions for Flow cytometry using Beckman Coulter Navios using BRAD3, AEVZ 5.3 and BIRMA 17C with specific reference to:	B,C,E,H
Human Whole Blood (EDTA); Red Cells	Estimation of feto-maternal haemorrhage	SOP 1186  Documented procedures and manufacturer's instructions for Biorad cassette technology with specific reference to:	A,B,C,F
Human Whole Blood (EDTA); Plasma	Determination of IgA deficiency	SOP 2013	G



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Human Fluids and Tissues (cont'd)	<u>Red Cell Immunohaematology investigations of for the purpose of clinical diagnosis (cont'd)</u>	Documented in house procedures with specific reference to:	
Human Whole Blood (EDTA); Plasma	Investigation of Drug induced haemolytic anaemia	SOP 1151	G
	Molecular investigations for the purpose of clinical diagnosis	Documented procedures and manufacturer's instructions for PCR using Innotrain Fluogene Verify / Fluovista with specific reference to:	
Human Whole Blood (EDTA)	Determination of red cell genotypes	SOP 4301	C, D, E, F, G, H
	RHD: Exon 1, 5, 10, psi; RHCE: C, C <sup>w</sup> , c, E, e; KEL1(K), KEL2(k), JK1(Jk <sup>a</sup> ), JK2(Jk <sup>b</sup> ), FY1(Fy <sup>a</sup> ), FY2(Fy <sup>b</sup> ), FYnull(Fy <sup>a-</sup> , Fy <sup>b-</sup> ), FYX(Fy <sup>bweak</sup> ), MNS1(M), MNS2(N), MNS3(S), MNS4(s), DO1(Do <sup>a</sup> ), DO2(Do <sup>b</sup> )		
Human Serum	Detection of: Hepatitis surface antigen (HBsAg) HIV Ag/Ab Syphilis Total antibody Hepatitis C antibody (anti HCV)	Documented procedures and manufacturer's instructions for Abbott Architect Chemiluminescent Microparticle Agglutination (CMIA) assay with specific reference to:  SOP5115 SOP4770 SOP5178	I
END			