


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 UKAS MEDICAL 8740 Accredited to ISO 15189:2022	NHS Blood and Transplant Issue No: 011 Issue date: 07 May 2025	
	Red Cell Immunohaematology NHS Blood and Transplant 75 Cranmer Terrace Tooting London SW17 0RB	Contact: Wisdom Musabaike Tel: +44 (0)7385 530 092 E-Mail: Wisdom.Musabaike@nhsbt.nhs.uk Website: www.nhsbt.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
Address RCI Laboratory NHS Blood and Transplant Unit D, Capital way Dodworth Barnsley S75 3HG Local contact Tracey Watson	Blood Group Serology, cross-matching and provision of blood Estimation of FMH Molecular investigation of red cell genotype. Investigation of drug induced AIHA Determination of IgA deficiency	A
Address RCI Laboratory NHS Blood and Transplant 14, Estuary Banks The Estuary Commerce Park Speke Liverpool L24 8R Local contact Dan Palmer	Blood Group Serology, cross-matching and provision of blood Estimation of FMH Quantitation of anti-c and anti-D	B
Address RCI Laboratory NHS Blood and Transplant Charcot Road Colindale London NW9 5BG Local contact Julia Mahmood	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	C
Address RCI Laboratory NHS Blood and Transplant 75 Cranmer Terrace Tooting London SW17 0RB Local contact Doris Lam	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype	D



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Location details	Activity	Location code
Address RCI Laboratory NHS Blood and Transplant Vincent Drive Edgbaston Birmingham B15 2SG Local contact 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
Address RCI Laboratory NHS Blood and Transplant 500, North Bristol Park Filton Bristol BS34 7QH Local contact Abigail McNeil	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype Estimation of FMH	F
Address RCI Laboratory NHS Blood and Transplant Holland Drive Barrack Road Newcastle-upon-Tyne NE2 4NQ Local contact David Bruce	Blood Group Serology, cross-matching and provision of blood Molecular investigation of red cell genotype Quantitation of anti-c and anti-D	H



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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	
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) ABO, Rh D, C, c, D, E, e K, C ^w	Grifols Erytra: SOP6498	A, B, C, F
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) ABO, Rh D, C, c, D, E, e K, C ^w	Grifols Eflexis SOP6499	D, E, H
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) ABO, Rh D, C, c, D, E, e K, C ^w ,	Grifols card and DG Reader net SOP6540 SOP1113 SOP1115	A, B, C, D, E, F, H
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) Fya, Fyb, Jka, Jkb, Kpa, Kpb, Lea, Leb, Lua, Lub, M, N, S, s, P1, Wra	Grifols card SOP1099	A, B, C, D, E, F, H
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	BioRad cards SOP1099	A, B, C, D, E, F, H
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	Manual tube SOP1099	A, B, C, D, E, F, H
Human Whole Blood (EDTA); Red Cells	Blood group determination (phenotype) Weak and partial D	BioRad cards SOP1115	A, B, C, D, E, F, 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 procedures and manufacturer's instructions	
Human Whole Blood (EDTA); Plasma	Crossmatching	Grifols card SOP1180	A, B, C, D, E, F, H
Human Whole Blood (EDTA); Plasma	Crossmatching	Manual tube SOP1180	A, B, C, D, E, F, H
Human Whole Blood (EDTA); Plasma	Antibody titration in pregnancy Anti-C, Anti-c, Anti-E, Anti-e, Anti-K, Anti-C ^w Anti-M, Anti-S, Anti-s, Anti-U, Anti-Fya, Anti-Fyb, Anti-Fy3, Anti-Jka, Anti-Jkb	Grifols card SOP1147	A, B, C, D, E, F, H
Human Whole Blood (EDTA); Plasma	Antibody titration for transplant Anti-A and Anti-B	BioRad card SOP1146	A, C, D, E, F, H
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	Grifols Erytra SOP6498	A, B, C, F
	Antibodies to low frequency antigens	Grifols Eflexis SOP6499	D, E, H
	Antibodies to high frequency antigens	Manual Grifols card SOP6540	A, B, C, D, E, F, H
	High Titre Low Avidity antibodies	Adsorption: SOP4742	
	Autoantibodies	Neutralisation: SOP1184	
		Elution: SOP4742	



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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 procedures and manufacturer's instructions	
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	Manual BioRad card SOP1141 Adsorption: SOP4742 Neutralisation: SOP1184 Elution: SOP4742	A, B, C, D, E, F, H
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	Manual tube SOP1144 Adsorption: SOP4742 Neutralisation: SOP1184 Elution: SOP4742	A, B, C, D, E, F, H
Human Whole Blood (EDTA); Plasma	Quantification of antibodies: Anti-c / Anti-D	Astoria AntiQuant Mk3 continuous flow analyser using papain pre-treatment SOP1177	B, C, E, H
Human Whole Blood (EDTA); Red Cells	Estimation of feto-maternal haemorrhage	Flow cytometry using Beckman Coulter DX Flex using BRAD3, AVEZ 5.3 and BIRMA 17C SOP6179	A



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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 procedures and manufacturer's instructions	
Human Whole Blood (EDTA); Red cells	Determination of IgA deficiency	Flow cytometry using Beckman Coulter DX Flex and IBGRL kits SOP6179	A
Human Whole Blood (EDTA); Plasma	Investigation of Drug induced haemolytic anaemia	Grifols card SOP1151	A
Human Whole Blood (EDTA); Plasma	Investigation of Drug induced haemolytic anaemia	Manual tube SOP1151	A
Human Fluids and Tissues	Molecular investigations for the purpose of clinical diagnosis	Documented in house procedures with specific reference to:	
Human Whole Blood (EDTA)	Determination of red cell genotypes: RHCE: C, C ^W , c, E, e; KEL1(K), KEL2(k), JK1(Jk ^a), JK2(Jk ^b), FY1(Fy ^a), FY2(Fy ^b), FYnull(Fy ^{a-} , Fy ^{b-}), FYX(Fy ^{bweak}), MNS1(M), MNS2(N), MNS3(S), MNS4(s), DO1(Do ^a), DO2(Do ^b)	DNA extraction using Qiagen EZ2 connect SOP6289 Polmerase Chain Reaction (PCR) Sequence Specific Priming (SSP) using the Amplification Refractory Mutaton System (ARMS) principle Fluovista using Innotrains Fluogene Verify kit SOP4301	A, C, D, E, F, H
END			