


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS MEDICAL 9746</p> <p>Accredited to ISO 15189:2022</p>	<h3>Dartford and Gravesham NHS Trust</h3> <p>Issue No: 013 Issue date: 14 January 2026</p>	
	<p>Department of Haematology and Blood Transfusion 3rd Floor Pathology Directorate Darent Valley Hospital Darenth Wood Road Dartford Kent DA2 8DA</p>	<p>Contact: Ms Tracy Wynn Tel: +44 (0) 1322 428492 E-Mail: tracy.wynn@nhs.net Website: http://www.dvh.nhs.uk</p>
<p>Testing performed at the above address only</p>		

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>Department of Haematology and Blood Transfusion 3rd Floor Pathology Directorate Darent Valley Hospital Darenth Wood Road Dartford Kent DA2 8DA</p>	<p>Patrick Ruffle (General Manager)</p> <p>Haematology Blood Transfusion</p>	A
<p>Blood Transfusion Department Pathology level 4 red zone Medway Maritime Hospital Windmill Road Gillingham ME7 5NY</p>	<p>Patrick Ruffle (General Manager)</p> <p>Blood Transfusion</p>	B
<p>Address Theatres Queen Mary's Hospital Frognal Avenue Sidcup Kent DA14 6LT</p>	<p>Rebecca Becks (Theatre Manager)</p> <p>Blood Storage: 1 blood fridge</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</u>	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous Blood: EDTA samples	Blood Grouping (adult) <ul style="list-style-type: none"> • ABO • Rh D 	Ortho Vision Swift (Automated) Column technique utilising Ortho cells for grouping column Manual column technique utilising Ortho cells for grouping and screening with Ortho cassettes Manual tube technique for groups using Ortho A ₁ rr and Brr cells and Anti-A, B, D1 and D2 sera from Lorne Measurement Principle: Antibody Antigen reaction SOP reference: SOP.BT.DVH.5 SOP.BT.DVH.6 SOP.BT.9 SOP.BT.18	A, B A, B A, B
Venous Blood: EDTA samples	Blood Grouping (Neonatal) <ul style="list-style-type: none"> • ABO • Rh D 	Ortho Vision Swift (Automated) Column technique utilising Ortho cells for grouping column. Manual column technique utilising Ortho cells for grouping and screening with Ortho cassettes Manual tube technique for groups using Ortho A ₁ rr and Brr cells and Anti-A, B, D1 and D2 sera from Lorne Measurement Principle: Antibody Antigen reaction SOP reference: SOP.BT.DVH.5 SOP.BT.DVH.6 SOP.BT.5 SOP.BT.9	A, B A, B A



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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</u> (cont'd)	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Venous Blood: EDTA samples	Antibody Screening (adult and ante-natal) <ul style="list-style-type: none"> • D, C, E, c, e, C^w, • Kell, Cellano, Kp^a • Fya, Fy^b, • Jk^a, Jk^b, • Le^a, Le^b, • S, s, M, N, • P1 	Ortho Vision Swift (Automated) Manual column technique using Ortho 3 cell antibody screen. Measurement Principle: Antibody Antigen reaction using SOP.BT.17	A A A
Venous blood: EDTA samples	Antibody screening <ul style="list-style-type: none"> • D, C, E, c, e, f, Cw, V • K, k, Kp^a, Kp^b • Js^a, Js^b • Fy^a, Fy^b • Jk^a, Jk^b • Xg^a • Le^a, Le^b • S, s, M, N, P1 • Lu^a, Lu^b 	Ortho Vision Swift (automated) SOP.BT.17 Column technique manual method using Ortho cells for grouping column by antibody/antigen reaction SOP.BT.9	B B
Venous Blood: EDTA samples	Antibody identification (adult only) <ul style="list-style-type: none"> • D, C, E, c, e, C^w, • Kell, Cellano, Kp^a • Fya, Fy^b, • Jk^a, Jk^b, • Le^a, Le^b, • S, s, M, N, • P1 • Lu^a 	Ortho Vision Swift (Automated) Manual column technique using Ortho Liverpool antibody panel Measurement Principles: Indirect Agglutination Test SOP.BT.17	A A



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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	Antibody identification <ul style="list-style-type: none"> • D, C, E, c, f, Cw, V • K, k, Kp^a, Kp^b • Js^a, Js^b • Fy^a, Fy^b • Jk^a, Jk^b • Xg^a • Le^a, Le^b • S, s, M, N, P1 • Lu^a, Lu^b 	Ortho Vision Swift (automated) SOP.BT.17	B
Venous Blood: EDTA samples	Serological crossmatch: Compatibility testing of patients' plasma with donor cells	Column technique manual method using Ortho cells for grouping column by antibody/antigen reaction SOP.BT.9	B
Venous Blood: EDTA samples	Serological crossmatch: Compatibility testing of patients' plasma with donor cells	Manual column technique utilising Ortho cassettes Measurement Principle (s): Indirect Agglutination Test SOP.BT.DVH.14	A
Venous Blood: EDTA samples	Serological crossmatch: Compatibility testing of patients' plasma with donor cells	Ortho Vision Swift (Automated) Manual column technique using Ortho antibody panel Measurement Principles: Indirect Agglutination Test	A
Venous blood: EDTA samples	Serological crossmatching	Ortho Vision Swift (automated) SOP.BT.MMH.20 SOP.BT.5	B
Venous blood: EDTA samples	Serological crossmatching	Column technique manual method using Ortho cells for grouping column by antibody/antigen reaction SOP.BT.MMH.20	B
Venous Blood: EDTA samples	Electronic crossmatch	Using LIMS algorithms SOP.BT.15	A
Venous blood: EDTA samples	Electronic crossmatch	Using LIMS algorithms SOP.BT.MMH.20 SOP.BT.15	B



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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	Direct Antiglobulin test (DAT)	Ortho Vision Swift (Automated) SOP.BT.10	A, B
		Manual column technique utilising Ortho cards SOP.BT.9	A, B
		Measurement Principle: Direct Agglutination Test	
Venous Blood: EDTA samples	Determination of red cell phenotypes <ul style="list-style-type: none"> • D, C, E, c, e, • C^w, • Kell, Kp^a • Fya, Fy^b, • Jk^a, Jk^b, • Le^a, Le^b, • S, s, M, N, • P1 • Lu^a 	Manual methods using column and tube technique using prepared Rh and K phenotype Ortho cassettes or Lorne antisera for extended phenotyping.	A
		Measurement Principle (s): Indirect Agglutination Test	
		SOP.BT.16	
		Ortho Vision Swift (Automated)	A
		Manual column technique using Ortho antibody panel	
		Measurement Principle: Antibody Antigen reaction	
Venous blood: EDTA samples	Determination of red cell phenotypes <ul style="list-style-type: none"> • E, C, e, c, K 	Ortho Vision Swift (automated) SOP.BT.16	B
		Column technique manual method using Ortho cells for grouping column by antibody/antigen reaction SOP.BT.9	B
Venous Blood: EDTA samples	Kleihauer for foetal/maternal bleed estimation	Clintech Shepard's Stain kit SOP.BT.DVH.25	A



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EDTA venous whole blood	<p><u>Haematology examination activities for the purpose of clinical diagnosis</u></p> <p>FBC</p> <ul style="list-style-type: none"> • Haemoglobin • WBC count • RBC count • Platelet count • WBC differential count • Haematocrit (HCT) • Mean cell volume (MCV) • Mean cell haemoglobin (MCH) • Mean cell haemoglobin concentration (MCHC) • Red cell distribution width (RDW) • Neutrophils absolute count • Lymphocytes absolute count • Monocytes absolute count • Eosinophils absolute count • Basophils absolute count • Reticulocyte count • Nucleated red cell 	<p>Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:</p> <p>Beckman Coulter Unicel DxH900 by impedance count (red, white and platelet cell count, and MCV), flow cytometry (differential count), calculated (red cell indices) and spectrophotometry (haemoglobin) SOP.HAE.11</p>	A



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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:	
EDTA venous whole blood	Detection of normal and abnormal morphologies	Automated method of making and staining blood slides with Wright's Giemsa using Beckman Slide Maker Stainer (SMS) SOP.HAE.26	A
EDTA venous whole blood	Detection of normal and abnormal morphologies	Manual May-Grunwald Giemsa staining SOP.HAE.54	A
EDTA venous whole blood	Erythrocyte Sedimentation Rate (ESR)	Starrsed RS (Autocompact) using Westergren method SOP.HAE.42	A
EDTA venous whole blood	Haemoglobinopathy screening for: <ul style="list-style-type: none"> • HbAS* • HbAC* • HbAD^{Punjab}* • HbAE* • HbAO^{Arab}* • HbA Lepore* • β-Thalassaemia* • δβ-Thalassaemia* • α⁰-Thalassaemia* • Hereditary persistence of foetal haemoglobin (HPFH) 	Documented in-house methods to meet the requirements of the Sickle Cell and Thalassaemia Screening Programme as defined in the laboratory QA evidence (relevant tests marked with *) Bio-Rad VARIANT II by HPLC SOP.HAE.1 SOP.HAE.56 SOP.HAE.64	A



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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:	
EDTA venous whole blood	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> 	Apacor CareStart™ Malaria (Pan) by antigen binding to monoclonal antibodies SOP.HAE.30	A
EDTA venous whole blood	Detection and identification of <i>Plasmodium</i> spp. including: <ul style="list-style-type: none"> • <i>Plasmodium falciparum</i> • <i>Plasmodium vivax</i> • <i>Plasmodium ovale</i> • <i>Plasmodium malariae</i> • <i>Plasmodium knowlesi</i> 	Giemsa stained thick and thin films SOP.HAE.4	A
	<u>Routine Coagulation examination activities for the purpose of clinical diagnosis</u>		
Sodium citrated venous whole blood	Prothrombin Time (PT) Activated partial thromboplastin time (APTT) Quantitative Fibrinogen Assay (QFA)	ACL TOP 700 CTS by turbidimetry SOP.HAE.5	A
Sodium citrated venous whole blood	D-Dimer	ACL TOP 700 CTS by immunoturbidimetry SOP.HAE.20	A



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HUMAN BODY FLUIDS (cont'd)	<u>Routine Coagulation examination activities for the purpose of clinical diagnosis</u> (cont'd)	Documented in-house procedures in conjunction with manufacturer's instructions for analysis using:	
Sodium citrated venous whole blood	Thrombophilia screening: <ul style="list-style-type: none"> • Protein C • Protein S • Antithrombin III • Lupus anticoagulant 	ACL TOP 700 CTS by colorimetry SOP.HAE.41	A
Bone marrow aspirates	Staining for the detection of normal and abnormal morphologies (no reporting)	Manual stain with May-Grunwald Giemsa SOP.HAE.54	A
END			