

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



7805

Accredited to
ISO/IEC 17043:2010

West Hertfordshire Teaching Hospitals NHS Trust, operating UK NEQAS Haematology and Transfusion

Issue No: 007 Issue date: 14 June 2022

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Proficiency Tests provided from the above address only

DETAIL OF ACCREDITATION

Materials/Products	Scheme Name/Type of Test/Properties Measured	Scheme Protocols/Procedures/ Techniques Used
Whole blood, Red cells in Alsever's Plasma/serum	Blood Transfusion Laboratory Practice (also known as UK NEQAS BTLP): Pre-Transfusion Testing ABO/D grouping Antibody screening Antibody identification Cross-matching Red cell phenotyping	Details of the scheme are documented on the website
Red cells in Alsever's	Direct Antiglobulin Testing (DAT)	Details of the scheme are documented on the website
Whole blood, Red cells in Alsever's Plasma/serum	ABO titration scheme determination of titre	Details of the scheme are documented on the website
Whole blood, Plasma, Cord red cells	Estimation of FMH	Details of the scheme are documented on the website
Human whole blood in CPD anticoagulant, manipulated with addition/removal of plasma, buffy coat residues and platelet concentrates, partially stabilised	General Haematology (also known as UK NEQAS Haematology): Full Blood Count: Haemoglobin concentration Total white blood cell count Red blood cell count Haematocrit Mean cell volume Mean cell haemoglobin Mean cell haemoglobin concentration Platelet count	Details of the scheme are documented on the website



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Commercial whole blood material Instrument group specific matrices	General Haematology: (cont'd) Automated Differential Leucocyte Count (ADLC): 3 or 5 population ADLC ($\times 10^9/L$) depending on analyser technology Performance monitored for neutrophils and lymphocytes only	Details of the scheme are documented on the website
Human whole blood in CPD anticoagulant, buffy coat residues	Reticulocyte count: Absolute reticulocyte count ($\times 10^9/L$) by automated or microscopic methods	
Commercial whole blood material Instrument specific matrices.	Blood films for morphology, manual differential count and blood parasite Identification: Identification of significant morphological features	
Stained and occasional unstained peripheral blood films	Microscopic white cell differential	
	Screening and identification of blood parasites, parasitaemia % where relevant	
Unstained blood, bone marrow and urine deposit slides	Cytochemistry: Perl's iron stain	
Human whole blood or red cell concentrates in CPD or EDTA anticoagulant, with added human plasma where needed	Abnormal Haemoglobins: Emergency sickle screening Hb variant identification in adult whole blood or simulated liquid newborn capillary blood specimens Hb A2 % Hb F % Hb S % Interpretation of results	
Cord red cells in CPD anticoagulant		
Dried blood spots prepared from umbilical cord blood in EDTA anticoagulant	Newborn sickle screening: Hb variant identification Interpretation of results	



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Human whole blood or red cell concentrates in CPD anticoagulant, with added human plasma where needed	General Haematology: (cont'd) Red cell enzymes (glucose-6-phosphate dehydrogenase)	Details of the scheme are documented on the website
Human and commercially sourced ovine whole blood, defibrinated.	G6PD activity by screening and/or quantitative assay.	
Human plasma in CPD anticoagulant with added glycerol	Plasma viscosity	
DNA in TE buffer	DNA diagnostics for the Haemoglobinopathies: Alpha and beta globin mutational analysis. Interpretation and recommendations for clinical action Annotation using recommended nomenclature	
Haemolysate of human whole blood with added recombinant malaria antigen	Rapid Diagnostic Tests for Malaria: Presence of malaria / identification of malaria species, as appropriate to the kit used.	
Human whole blood in CPD anticoagulant, manipulated by the removal/addition of plasma as required	Blood Component Quality Monitoring: Haemoglobin concentration Haematocrit Platelet count	
Stabilised platelet concentrates in CPD anticoagulant		
Commercial whole blood material	Erythrocyte Sedimentation Rate (ESR):- ESR in mm/hr testing (with the exception of testing using the capillary photometry measurement principle)	



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Latex particle samples	ESR in mm/hr for testing using the capillary photometry measurement principle	
Liquid Plasma	Infectious Mononucleosis: Heterophile Antibodies	
END		