


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|---|---|--|
|  <p>UKAS PROFICIENCY TESTING</p> <p>7805</p> <p>Accredited to ISO/IEC 17043:2010</p> | <p>West Hertfordshire Hospitals NHS Trust, operating UK NEQAS Haematology and Transfusion</p> <p>Issue No: 003 Issue date: 06 March 2018</p> | |
| | <p>Watford General Hospital Vicarage Road Watford Hertfordshire WD18 0HB</p> | <p>Contact: Clare Witham Tel: +44 (0)1923-217933 Fax: +44 (0)1923-217934 E-Mail: clare.witham@whht.nhs.uk Website: www.ukneqas.org.uk</p> |
| <p>Proficiency Tests provided from the above address only</p> | | |

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 | <p>Blood Transfusion Laboratory Practice (also known as UK NEQAS BTLP):</p> <p>ABO/D grouping Antibody screening Antibody identification Cross-matching Red cell phenotyping</p> | Details of the scheme are documented on the website |
| Whole blood, Red cells in Alsever's Plasma/serum | <p>ABO titration scheme determination of titre</p> <p>Feto-Maternal Haemorrhage (also known as UK NEQAS FMH):</p> | Details of the scheme are documented on the website |
| Whole blood, Plasma, Cord red cells | <p>Estimation of FMH</p> <p>General Haematology (also known as UK NEQAS H):</p> | 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 | <p>Full Blood Count:</p> <p>Haemoglobin concentration Total white blood cell count Red blood cell count Haematocrit Mean cell volume Mean cell haemoglobin Mean cell haemoglobin concentration Platelet count</p> | Details of the scheme are documented on the website |



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| <p>Commercial whole blood material</p> <p>Instrument group specific matrices</p> <p>Human whole blood in CPD anticoagulant, buffy coat residues Commercial whole blood material Instrument specific matrices.</p> <p>Stained peripheral blood films</p> <p>Unstained blood, bone marrow and urine deposit slides</p> <p>Human whole blood or red cell concentrates in CPD or EDTA anticoagulant, with added human plasma where needed Cord red cells in CPD anticoagulant</p> <p>Dried blood spots prepared from umbilical cord blood in EDTA anticoagulant</p> | <p>General Haematology: (cont'd)</p> <p>Automated Differential Leucocyte Count (ADLC): 3 or 5 population ADLC (x10⁹/L) depending on analyser technology Performance monitored for neutrophils and lymphocytes only</p> <p>Reticulocyte count: Absolute reticulocyte count (x10⁹/L) by automated or microscopic methods</p> <p>Blood films for morphology, manual differential count and blood parasite Identification: Identification of significant morphological features 200 cell microscopic white cell differential Identification of blood parasites, parasitaemia % where relevant</p> <p>Cytochemistry: Sudan Black B/Myeloperoxidase Perl's iron stain</p> <p>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</p> <p>Newborn sickle screening: Hb variant identification Interpretation of results</p> | <p>Details of the scheme are documented on the website</p> |



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