**SoTW Clinical Laboratory Services External Quality Assurance (EQA) Participation**

**Haematology and Blood Transfusion:**

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| **EQA Provider** | **Laboratory tests covered by scheme** |
| UK NEQAS Haematology | Full Blood Count, including:   |  | | --- | | Haemoglobin concentration | | Total white blood cell count | | Red blood cell count | | Haematocrit | | Mean cell volume | | Mean cell haemoglobin | | Mean cell haemoglobin concentration | | Platelet count | |
| Automated Differential Leucocyte Scheme |
| Erythrocyte Sedimentation Rate (ESR) |
| Abnormal Haemoglobins, HbA2 and HbF |
| Morphology, including manual differential and blood parasite identification |
| Cytochemistry (Iron stain) |
| Whole Blood Reticulocyte Scheme |
| Malarial RDT |
| Infectious Mononucleosis |
| Digital Morphology |
| Reticulocyte Haemoglobin (Pilot) |
| UK NEQAS Microbiology | Blood Parasitology  Malarial RDT |
| UKNEQAS Blood Coagulation | Prothrombin Time (PT)/INR (Quick and/or capillary methods) |
| Prothrombin Time PT (diagnostic) |
| Activated Partial Thromboplastin Time (APTT) |
| Heparin Dosage Assessment (HDA) |
| Thrombin Time (TT) |
| Fibrinogen evaluation |
| D-Dimer |
| Lupus anticoagulant |
| Direct Oral Anticoagulant (DOAC) Assays |
| Factor VIII: C Assay |
| Factor IX: C Assay |
| Factor XI Assay |
| Factor XII Assay |
| Antithrombin Activity |
| Protein C Activity |
| Protein S Free Antigen |
| Factor V Leiden |
| Prothrombin 20210A genetic mutation |
| UKNEQAS Blood Transfusion Laboratory Practice (BTLP) | ABO/D grouping |
| Antibody screening |
| Antibody identification |
| Cross-matching |
| Red cell phenotyping |
|  | Direct Antiglobulin Test (DAT) |
|  | Extended Phenotyping |
| UKNEQAS FMH | Fetal Maternal Haemorrhage (screening only by acid elution). |
| UK NEQAS Histocompatibility and Immunogenetics | HLA-B27 |