**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:

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| Haemoglobin concentration  |
| Total white blood cell count  |
| Red blood cell count  |
| Haematocrit  |
| Mean cell volume  |
| Mean cell haemoglobin  |
| Mean cell haemoglobin concentration  |
| Platelet count  |

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| 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 ParasitologyMalarial 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 |