

Haematology

Test description	Sample type	Turnaround time*
Activated partial thromboplastin time (APTT)	Citrate	4 hours
Activated protein C resistance (APCR)	Citrate plasma (frozen)	2-3 days
Antithrombin III (part of thrombophilia profile)	Citrate plasma (frozen)	2-3 days
CD16	EDTA (whole blood)	10 days
CD3	EDTA (whole blood)	1 day
CD34	EDTA (whole blood)	1 day
CD59	EDTA (whole blood)	10 days
Cell surface markers (CD 3,4,8,19)	EDTA (whole blood)	4 hours
CLL phenotyping	EDTA/marrow	5 days
Coagulation screen	Citrate plasma	4 hours
Cold agglutinins	SST Serum + EDTA (At 37 °C)	1-3 days
D-dimer	Citrate plasma	4 hours
ESR	EDTA (whole blood)	4 hours
Factor V Leiden	EDTA (whole blood) + citrate plasma	1 day
Factor II	Citrate plasma (frozen)	3 days
Factor IX	Citrate plasma (frozen)	3 days
Factor V	Citrate plasma (frozen)	3 days
Factor VII	Citrate plasma (frozen)	3 days
Factor VIII	Citrate plasma (frozen)	3 days
Factor X	Citrate plasma (frozen)	3 days
Factor XI	Citrate plasma (frozen)	3 days
Factor XII	Citrate plasma (frozen)	3 days
Factor Xa assay	Citrate plasma (frozen)	3 days
Factor XIII	Citrate plasma (frozen)	3 days
Fibrin degradation products (D-dimer)	Citrate plasma	4 hours
Fibrinogen	Citrate plasma	4 hours
Film (blood film morphology)	EDTA (whole blood)	1 working day
Folate (red cell)	EDTA (whole blood)	1 day
Folate (serum)	SST Serum	4 hours
G6PD	EDTA (whole blood)	1 day
Glandular fever screen (monospot)	SST Serum + EDTA (whole blood)	1 day
Granulocyte immunology (antibodies)	SST Serum + EDTA	2-3 days
Haemoglobin	EDTA (whole blood)	4 hours
Haemoglobin electrophoresis	EDTA (whole blood)	1 day
INR	Citrate plasma	4 hours
INR and warfarin dosing	Citrate plasma	4 hours
Lupus anticoagulant	Citrate plasma (frozen)	3 days
Lymphoma phenotyping	Lithium heparin blood/marrow	10 days

Malarial parasites	EDTA (whole blood)	1 day
Monospot (Paul Bunnell)	SST Serum + EDTA (whole blood)	4 hours
Plasminogen activator inhibitor	Citrate plasma (frozen)	5 days
Platelet aggregation	Citrate (whole blood) (x8)	10 days
Platelet function assay	Citrate (whole blood)	5 days
Platelet nucleotides	Citrate (whole blood)	5 days
Protein C	Citrate plasma (frozen)	2 days
Protein S - free	Citrate plasma (frozen)	2 days
Prothrombin time	Citrate plasma	4 hours
Prothrombin time + dose	Citrate plasma	4 hours
Reticulocytes	EDTA (whole blood)	4 hours
Ristocetin co-factor (part of von Willebrand)	Citrate plasma (frozen)	2 days
Sickle cells	EDTA (whole blood)	4 hours
Thrombin time	Citrate plasma	4 hours
Tissue plasminogen activator	Citrate plasma (frozen)	4 days
Urinary haemosiderin	Urine (random)	1 day
von Willebrand factor	Citrate plasma	2-3 days
Warfarin dose	Citrate plasma	4 hours

***turnaround times highlighted in this colour denote tests referred to external accredited laboratories.**