

Blood Sciences Laboratory Standard Operating Procedure

Appendix 2

Quick guide to Turnaround times (for SaTH Intranet)

The following is a brief guide to standard service turnaround times and test availability. Further information on each test is available from the laboratory. Please contact the site Duty Biochemist (DB) regarding further details or expediting of tests outside of the standard service.

Please note that the turnaround times stated are laboratory quoted targets and can be affected by configuration of laboratory services and unplanned analyser downtime. It may be possible to tailor services and turnarounds to your clinical or service needs, please contact the laboratory to discuss.

General Chemistry / Haematology Tests	Test	Turnaround
24/7 Urgent Repertoire	Serum: U&E, LFT, Bone, Mg, CK, Amylase, Bicarbonate, Bilirubin, Chloride, CRP, Glucose, Urate, Lactate, ammonia.	Available within 90 mins of receipt
	CSF: Glucose, Protein, Lactate	
	FBC, Reticulocytes, PT/APTT/Coagulation screen, D-Dimer, Sickle screen	60 mins
	ESR, Malaria Screen	2 hours
	<u>Drugs RSH</u> : Carbamazepine, Digoxin, Lithium, Paracetamol/ Salicylate, Phenytoin, Theophylline <u>Drugs PRH</u> : Paracetamol/ Salicylate, Iron, Lithium, Digoxin	Approx. 90 mins at site of testing Need to Contact DB if test requires transfer to alternate site
	Troponin	90 mins
	Blood film	2 hours
	Blood Gases	30 mins
	IM screen	6 hours
	Procalcitonin	Same day
	Factor VIII/IX assays	48 hrs (must be agreed with Consultant Haematologist)

Blood Sciences Test Availability and turnaround Times

General Chemistry / Haematology Tests	Test	Turnaround
Routine Service (working hours, Monday - Friday)	Standard Biochemical tests. Lithium, digoxin. Other TDM drugs (RSH)	In patients: 4 hours GP/OP: 24 hours
	FBC, Reticulocytes, Sickle screen, PT/APTT/Coagulation screen	
	D-Dimer	All: 1 hour
	Malaria screen	All: 2 hours
	Other TDM drugs (PRH)	All: 24 hours
	Blood film , IM screen	
	ESR	In patients: 6 hours GP/OP: 24 hours
	Haemoglobinopathy screening A/N SCT	3 working days – longer if referred for specialist expertise
	Haemoglobinopathy screening Routine	7 working days – longer if referred for specialist expertise
	Troponin	All: 2 hours
	TSH, PSA	GP/OP 48 hours IP: 24 hours
	Other Endocrine tests	All: 2-3 days.
	Haematinic assays	All: 2 working days
	Intrinsic Factor Ab assay	All: 6 weeks
	Tumour markers	GP/OP 48 hours IP: 24 hours
	Electrophoresis and Immunofixation	10 days
	Urine test: Standard Biochemistry Electrophoresis.	All: 4hrs All: 10 days
	Autoimmune serology	All:7-10 days
	Clotting factor assays	All: 6 weeks
	Thrombotic assay (ATIII, Protein C, Protein S, APCR) Lupus screen, Anticardiolipin antibody	All: 6 weeks

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