

Expected Laboratory Turnaround Times (TAT)

Target 90%

Clinical Biochemistry and Hematology Tests

Patient Served At:	Turnaround Time (TAT)				
	Routine		STAT		Timed
	Collection Time	TAT from collection to verify	Collection Time	TAT from collection to verify	Collection Time
Emergency and Inpatient Units Requested test performed on site 24x7	Within 2 h of scheduled sweep time	Within 4 h *	Within 20 min from request	Within 60 min	Within 15 min of requested collection time
Emergency and Inpatient Units Requested test performed at site within close proximity to collection station or The test is performed on site or at a site within close proximity but requires special handling/analytical capabilities or call back.	Within 2 h of scheduled sweep time	Within 24 h *	Within 20 min from request (Within 60 min if call back required)	Within 4 h	Within 15 min of requested collection time (During routine laboratory hours of operation)
Emergency and Inpatient Units The test is collected in a remote location and sent to a hub laboratory for analysis. e.g. collected at TGH, performed at NRGH.	Within 2 h of scheduled sweep time	Within 4 h *	Within 20 min from request (Within 60 min if call back required)	Dependant on courier transport times	Within 15 min of requested collection time (During routine laboratory hours of operation)
Outpatient Collection Laboratory	Within 45 min of patient arrival	Within 24 h *	N/A	N/A	N/A

* Some special chemistry and special hematology testing requires special handling/analytic capabilities and may only be batch run several times per week. The TAT may be up to 7 days for this testing.

Anatomical Pathology Report TAT

Report Type	Expected Turn Around Time	Threshold	Comment
Intraoperative Consultations Frozen Sections	20 min	90%	From Receipt in Laboratory
Cytology Reports	3 business days (M-F)	90%	Non-Gyne Only
Surgical Reports	3 business days (M-F)	80%	Excluding category 5 & 6 Samples
Autopsy Reports	4 weeks	80%	
Review Reports	2 weeks	80%	

Microbiology Tests TAT

Report Type	Gram Stain, Other Stain, Non-Culture Report		Preliminary Report		Final Report	
	STAT Processing from time of In-Lab	Routine	Growth or Positive	* No Growth * No Pathogens * Negative	Growth or Positive	* No Growth * No Pathogens * Negative
Microbiology Cultures	2 h	≤ 1 day <4 days AFB Smear KOH/India Ink	Reported when ID or AST or both are available TB/Mycology Cultures-Depends on organism isolated and if AST requested.	≤ 1 day Up to 48 days for Blood Cultures TB Cultures 3 weeks Mycology Cultures 1 week	Reported when ID or AST or both are available TB/Mycology Cultures-Depends on organism isolated and if AST requested.	< 10 days for most organisms Up to 14 days for slow growing organisms TB Cultures 8 weeks Mycology Cultures 4 weeks
Microbiology Non-Culture Tests	2 h	≤ 1 day	N/A	N/A	N/A	< 2 days
Microbiology Molecular Tests	N/A	N/A	N/A	N/A	< 2 days for most tests	< 2 days for most tests

* Times indicated are for release of preliminary and final electronic reports subsequent to sample receipt in the Microbiology Laboratory

* A preliminary result may be available at an earlier time blood cultures and culture results or detection of pathogens of significant public health importance will be communicated as soon as results are available

* Turnaround time is dependent on a variety of factors including; fastidiousness and growth requirements of organism(s), unusual phenotypic traits or antibiotic patterns of isolated organism(s), complexity of testing methods required for workup, amount of information provided by submitter, purity of any submitted isolates, normal processing hours appropriate to sample type and referral to other reference laboratories.

* Some samples may require callback after routine working hours and turnaround times may vary from the information chart above.

* Samples in transit between laboratory sites must be submitted to the testing site within 4 hours of collection.

* STAT processing is from time of receipt of sample (in-Labbed) in the laboratory site performing the test.

Cytogenetic Tests TAT

Report Type	Preliminary Report	Final Report
Routine Amniotic Fluids	N/A	14 days
RAD FISH	N/A	3 days
Routine Peripheral Bloods	N/A	4 weeks
STAT Peripheral Bloods	3 - 5 days	7 days
Routine Cancer Cytogenetics (cytogenetics and/or FISH)	N/A	2-3 weeks
STAT Cancer Cytogenetics (cytogenetics and FISH)	3-5 days	2 weeks
Tissues	N/A	6 weeks