Expected Laboratory Turnaround Times (TAT)

Laboratory target: 90%

STAT Test list
STAT Test list by Site
Lab Examination Order Priorities

Clinical Biochemistry and Hematology and Transfusion Medicine**** Tests

Patient Serviced At:	Turnaround Time (TAT)							
	Routine**		STAT STAT Test list		Timed **	ASAP for CPOE sites **		Overdue follow-up STAT timeline (time beyond expected TAT)
	Collection Time	TAT from collection to verify	Collection Time	TAT from collection to verify	Collection Time	Collection Time	TAT from collection to verify	
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	Within 20 min from request	Within 2 h*	1 hr
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. Courier is required	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)	Within 1hr from request	Within 6 h*	2 hrs
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. Courier is required	Within 2 h of scheduled sweep time	Within 24 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)	Within 1hr from request	Dependant on courier transport times***	2 hrs
Outpatient Collection Laboratory	Within 45 min of patient arrival	Within 24 h*	N/A	N/A	N/A	N/A	N/A	N/A

* Some special chemistry and special hematology tests maybe batched for limited testing due to handling/analytic capabilities; this may result in TAT exceeding 7 days. Please consult the specific department for further information.

** If Order priority needs to be upgraded from Routine, ASAP or Timed to STAT, phone Laboratory to request this.

***For sites that do not perform testing, if TAT needs clarification, then please phone Laboratory as TAT is dependent on courier transport times.

**** For Transfusion Medicine samples that require additional antibody investigation testing may take up to 4 additional hours.

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Anatomical Pathology Report TAT

Report Type	Expected Turn Around Time	Threshold	Comment	Overdue follow-up STAT timeline (time beyond expected TAT)
Intraoperative Consultations Frozen Sections	20 min	90%	From Receipt in Laboratory	1 hr
Cytology Reports	3 business days (M-F)	90%	Non-Gyne Only	N/A
Surgical Reports	3 business days (M-F)	80%	Excluding category 5 & 6 Samples	N/A
Autopsy Reports	90 days	80%		N/A
Review Reports	2 weeks	80%		N/A

Microbiology Tests TAT

Report Type	Gram Stain, Other Stain, Non-Culture Report			Preliminary Report		Final Report		
	Routine**	STAT Processing from time of In-Lab	ASAP for CPOE sites **	Growth or Positive	* No Growth * No Pathogens * Negative	Growth or Positive	* No Growth * No Pathogens * Negative	Overdue follow-up STAT timeline (time beyond expected TAT)
Microbiology Cultures	≤ 1 day <4 days AFB Smear KOH/India Ink	2 hr	6 hr	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	1 hr
Microbiology Non-Culture Tests	≤ 1 day	2 hr	6 hr	N/A	N/A	N/A	< 2 days	1 hr
Microbiology Molecular Tests	N/A	N/A	N/A	N/A	N/A	< 2 days for most tests	< 2 days for most tests	N/A

* 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.
** If Order priority needs to be upgraded from Routine, or ASAP to STAT, phone Laboratory to request this.

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Cytogenetic Tests TAT

Report Type	Preliminary Report	Final Report	Overdue follow-up STAT timeline (time beyond expected TAT)
Routine Amniotic Fluids	N/A	14 days	N/A
RAD FISH	N/A	3 days	1 day
Routine Peripheral Bloods	N/A	4 weeks	N/A
STAT Peripheral Bloods	3 - 5 days	7 days	N/A
Routine Cancer Cytogenetics (cytogenetics and/or FISH)	N/A	2-3 weeks	N/A
STAT Cancer Cytogenetics (cytogenetics and FISH)	3-5 days	2 weeks	N/A
Tissues	N/A	6 weeks	N/A

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