

<i>Subject/Title:</i> STAT List of Tests and Result Reporting Turnaround Time		<i>Approved By and Title:</i> Bill R. Pettross, M.D., Director of FRHG Laboratories	
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Purpose/Principle To ensure that results are reported timely to optimize patient care and patient outcomes. To define the tests that can be ordered on a STAT basis and the interval of time between when the sample is received in the laboratory and the results are reported.

Definitions/Key Terms

- **STAT Tests** - Test results that are urgently needed for the diagnosis or treatment of the patient. The delay can be life threatening.
- **ASAP (As Soon As Possible)** – Test results that are needed as soon possible for the diagnosis or treatment of the patient.
- **Routine** – Tests that are collected and batched for efficiency and cost effectiveness. These results are not needed on an immediate basis for diagnosis or treatment
- **TAT (Turn Around Time)** – The interval of time between when a sample is received by the laboratory and the results are reported.

Related Documents

- [Critical Results](#)
- [Result Reporting Issues](#)
- [Release of Laboratory Test Results to a Patient](#)
- [Outpatient Stat Result Reporting](#)

Responsibilities

- **Laboratory Assistants** - are responsible for collecting and delivering STAT samples to the laboratory as quickly as possible. STATs are given priority over all other sample collections.
- **CLS (Clinical Laboratory Scientist)** - are responsible for analyzing STATs as quickly as possible. STATs are given priority over all other tests.

TAT for Tests in the Clinical Laboratory

- **STAT** – One hour or less from when the sample was received in the laboratory.
- **ASAP/Now** – Two hours or less from when the sample was received in the laboratory.
- **Routine** – Four hours from when the sample was received or as scheduled for the next run.

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**Chemistry Tests
Available on a STAT
Basis**

The following tests can be ordered as STAT

Acetaminophen	Glucose
Alcohol	HDL
ALT	HCG
Albumin	Homocysteine
Alk Phos	Ionized Calcium
Ammonia	Iron
Amylase	Ketones
AST	Lactic Acid
Bili, Total and Direct	LDH
BNP	LDL
BUN	Lipase
Calcium	Lithium
Carbamazepine	Magnesium
CEA	Microalbumin
Chloride	Phenobarbital
Cholesterol	Phosphorus
Cholinesterase	Potassium
C0 ₂	PSA
Cortisol	Rheumatoid Factor
CK	Salicylate
CKMB	Sodium
Creatinine	Theophylline
CRP	Tobramycin
CSF Glucose	Total Protein
CSF TP	Transferrin
Digoxin	Triglyceride
Dilantin	Troponin-I
Drug Screen	T4
Ferritin	T3U
Fetal Fibronectin	TSH
Free T4	Uric Acid
Gentamicin	Vancomycin
GGT	Valproic Acid (Tegretol)

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Hematology Tests Available on a STAT Basis

The following tests can be ordered as STAT

APTT	Hemogram
CBC	PFA
D-Dimer	Platelet Count
Differential	PT
FDP	Retic
Fibrinogen	Urinalysis
Fluid Cell Count	

Microbiology Tests Available on a STAT Basis

The following tests can be ordered as STAT

Direct Antigen, serum group B	Legionella urinary antigen
Flu A/B	Rapid Strep
Gram Stain	Rotavirus
Rapid HIV (Exposures and prenatal with no prior results)	RSV
	Wet Mount

Serology Tests Available on a STAT Basis

The following tests can be ordered as STAT

Mono	Streptozyme
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Transfusion Services Tests Available on a STAT Basis

The following tests can be ordered as STAT

Cryo**	Type and Screen
FFP**	Type and Crossmatch for Packed
Platelets**	Red Blood Cells**

**The one hour TAT applies only if the product is available in the laboratory and there are no complications such as an unexpected antibody. In those cases, blood products may need to be brought from BloodSource or a sample of blood sent to BloodSource for further studies. The nursing unit will be contacted as soon as possible and notified of the delay and options available. If necessary the Pathologist may need to be consulted for the best course of action to meet the patient care needs. The Pathologist may need to speak to the ordering physician to discuss how to accommodate the needs of the patient

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Reporting of STAT Results

STAT results for inpatients are available through the HIS (Hospital Information System) For outpatient STAT test reporting refer to [Outpatient Stat Result Reporting](#). To fax results using the LIS (Laboratory Information System) refer to [Policy for Use of T4 Fax Server](#). All critical results shall be reported according to [Critical Results](#)

References

CAP Checklist

Affected Departments: Laboratory Services