

Critical Results to Be Intimated to The Clinicians on Urgent Basis

(Note-this is not the standard list and will differ from hospital to hospital)

CRITICAL VALUES				
CLINICAL BIOCHEMISTRY				
Sl. No.	Test Parameter	Result - when needed to inform the clinician		
		Lower Than	Higher Than	Unit
1	P. Glucose	< 45.0	> 500.0	mg/dl
2	S. Sodium	< 120.0	> 160.0	mmol/L
3	S. Potassium	< 2.8	> 6.0	mmol/L
4	S. Chloride	< 90.0	> 120	mmol/L
5	S. Bilirubin (Total)	-	> 15	mg/dl
6	S. Bilirubin (Direct) New Born	-	> 2.5	mg/dl
7	S. Calcium	< 6.5	> 13.0	mg/dl
8	S. Amylase	-	> 300.0	mg/dl
9	S. Creatinine	-	> 6.0	mg/dl
10	S. Phosphorous	< 1.5	-	mg/dl
11	Blood Gas Analysis			
	Ph	< 7.2	> 7.6	mg/dl
	pCO ₂	< 20.0	> 70.0	mmHg
	pO ₂	< 20.0	-	mmHg
	HCO ₃	< 10.0	> 40.0	mmHg
HEMATOLOGY				
1	Hemoglobin	< 6.0	> 20	g/dl
2	Hematocrit	< 11	> 70	%
3	Platelets Count	< 20,000	> 10,00000	cumm
4	TLC	< 500	> 50,000	cumm
5	PT		> 60 or INR 5	Secs

6	APTT		> 80	secs
7	Sickle Cell	Positive		
8	Malaria	Positive All Types of Malaria.		
9	CSF	TLC is > 20/ cumm		
10	Blast	5% in a new case or any leukemia.		
11	Trop I	>100 ng/l		
CLINICAL PATHOLOGY				
1	Ketone Bodies in Urine	All positive Reports.		

Sr No	Date	Name of Patient	Age/ Sex	Patient ID (UHID /IP)	Details of Ward/IC U/OPD	Test Done	Critical Value Finding	Test Time	Informed Time	Time Taken to Inform	Informed To	Read Back	Informed By	Name of Informer	Sg

Sample defined TAT

(Note-this is not the standard turn around time and will differ from hospital to hospital)

Ser No	Test	TAT
HEMATOLOGY		
1.	CBC	2 HRS
2.	CBC + PBF	3 HRS
3.	MANUAL DLC + PLATELET	3 HRS
4.	ESR	2 HRS
5.	COAGULATION (PT/APTT)	3 HRS
6.	Bone Marrow Aspiration	24 HRS
7.	CLINICAL PATHOLOGY	4 HRS
MICROBIOLOGY		
8.	HIV, HBSAG, HCV	4HRS
9.	PCT (Serum Procalcitonin)	2 HRS
10.	KOH/AFB/GRAM Stain	3 HRS
11.	Blood Culture & Sensitivity	Preliminary report - 2 DAYS Final Report - 5 DAYS
12.	Pyogenic Culture	48 - 72 HRS
13.	Fungal Culture	Preliminary report – 7 DAYS & Final Report 21 days
CYTOLOGY		
14.	ROUTINE FNAC & FLUID	4 HRS
15.	USG GUIDED FNAC	24 HRS
16.	FNAC WITH CELL BLOCK	2-3 working days
HISTOPATHOLOGY		

17.	SMALL BIOPSY & BONE MARROW BIOPSY	3 working days & 4 working days
18.	BIG BIOPSY	6 TO 7 working days
19.	IHC (After Histopathology Reporting)	5 working days
20.	FROZEN - SMALL & BIG	Small Biopsy - 30 min Big Biopsy - 45 min
BIOCHEMISTRY		
21.	ROUTINE BIOCHEMISTRY	2 HRS
22.	IMMUNOASSAY TUMOR MARKER (VIT-B12, FERRITIN, FOLATE, T3, T4, TSH)	3 HRS
23.	ANEMIA PROFILE - Fe, TIBC, % SATURATION	4 HRS
24.	FLOW CYTOMETRY	2 working days
MOLECULAR BIOLOGY		
25.	BCR ABL	7 working days
26.	PML RARA	7 working days
27.	EGFR	7 working days

Note- All urgent reports will be available within 1 hour of request

Sample headers for TAT register

Sr no	Date	Name of patient	Age/ Gender	Patient ID (UHID/IP)	Test done	Sample Collection time	Processing time	Reporting time	TAT	Remarks	Sign

Disclaimer

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