



CRITICAL ALERT VALUES

ALTUS MEDICAL LABORATORIES
CHANDIGARH

HAEMATOLOGY			
ANALYTE	AGE RANGE	CRITICAL VALUE	UNITS
Haemoglobin	Any age	<5 and \geq 20	mg/dl
Hematocrit (PCV)	Any age	\leq 21.0 \geq 65.0	%
Total leukocyte count (TLC)	Any age	<1000 and >50,000	Counts/mm ³
Cell Count, Any body fluid	Any age	Intracellular organisms. (Non CSF- Blasts and Tumor cells to be called as soon as a provider are available, which for inpatients is immediate, for others called next business day.)	
Peripheral blood film	Any age	Appearance of blasts, 901	
Malaria Screening	Any age	Positive	N/A
Platelet Count	Any age	\leq 10,000 \leq 50,000 (L&D only) \leq 100,000 with 2+ microangiopathic changes	/ μ L
Slide Review/Diff	Any age	Presence of intracellular organisms. Blasts on peripheral smear (1st time or relapse only).	%
BIOCHEMISTRY			
Glucose	0-2 days	<35	
	>2 days & <1 year	<40	
	>1 year	<55	
	<30 days	>200	
	>30 days & <17 yrs	>300	
	>17 yrs	>450	
Total Bilirubin	<1 day	\geq 8	mg/dL



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	>1 day <2 days	≥13	
	>2 days <30 days	≥15	
Creatinine	Any age	>5.0	
Sodium	Any age	<125	mmol/L
	Any age	>160	
Potassium	Less than 1 week	<2.5	mmol/L
	Older than 1 week	<3.0	
	Any age	>6.0	
Chloride	Any age	<80	mmol/L
	Any age	>120	
Calcium	Any age	<6.5	mg/dL
		>13	
Troponin 1	Any age	≥0.3	ng/mL
COAGULATION			
Fibrinogen	Any age	<100	mg/dL
PTT	Any age	≥100	sec
PT INR	Any age	>5.0 INR	

LAB SUPERVISOR