

LIST OF CRITICAL VALUES OF LABORATORY TESTS		
HEMATOLOGY	LOW LIMIT	HIGH LIMIT
Haemoglobin (Hb)	6.0 g/dl	20.0 g/dl
White Blood Cell (WBC)	2.0 x 10 ⁹ /L	25.0 x 10 ⁹ /L
Platelets (PLT)	50.0 x 10 ⁹ /L	800 x 10 ⁹ /L
Reticulocyte (Retic)	None	20 %
Prothrombin Time (PT)	None	50 sec
Activated Partial Thromboplastin Time (APTT)	None	90 sec
INR	-	4.5
Peripheral Blood Film (PBF)	Shows leukemic cells (progranulocytic or blast) Shows abnormal leukemoid reaction	
Malarial Parasite (MP)	Positive	
Microfilaria	Positive	

CHEMISTRY	LOW LIMIT		HIGH LIMIT	
	Conventional Unit (mg/dl)	SI Unit (mmol/L)	Conventional Unit (mg/dl)	SI Unit (mmol/L)
Neonatal Bilirubin	-	-	18	0.31
Calcium	6.0	1.50	13	3.25
Phosphate	1.0	0.32	-	-
Glucose	40	2.20	500	27.7
Potassium	-	2.5	-	6.0
Sodium	-	120	-	160
Chloride	-	80	-	120
Bicarbonate (CO2)	-	10	-	36

IMMUNOLOGY/MICROBIOLOGY/ MOLECULAR	LOW LIMIT	HIGH LIMIT
Troponin I (Male)	-	34.1pg/mL
Troponin I (Female)	-	15.5 pg/mL
Troponin T	-	14.0 pg/mL
Dengue IgM/IgG & Dengue NS1	Positive	
Blood Culture	Positive	
CSF Culture	Positive	
CSF & Body Fluids Gram Stain	Positive	
AFB Smears	Positive	
Salmonella (Non-typhoidal) for food handler	Positive	
Salmonella Typhi	Positive	