

CRITICAL VALUES TABLE

Critical Values

Division	Test	Critical Values
Clinical Chemistry	Calcium, serum	< 1.75 mmol/L > 3.00 mmol/L
	Glucose, serum	< 2.5 mmol/L > 20.0 mmol/L
	Sodium, serum	< 120 mmol/L > 160 mmol/L
	Potassium, serum	< 2.5 mmol/L > 6.0 mmol/L
	Troponin I (NUH only)	>26.2 ng/L on first presentation per admission
	Ammonia (NUH only)	> 100 µmol/L
	Lactate (NUH only)	> 5.0 mmol/L
	Bilirubin, Neonatal (NUH only)	> 300 µmol/L
	RPR (NUH antenatal only)	
	Haematology	APTT
INR		≥ 5.0
Haemoglobin		< 6 g/dL
Platelets		≤ 20 x 10 ⁹ /L ≥ 800 x 10 ⁹ /L
White Blood Count		≤ 1 x 10 ⁹ /L ≥ 50 x 10 ⁹ /L on first presentation per admission
Malaria/Filarial Parasite		Malarial/Filarial parasite present on first presentation per admission
Blast Cells		Presence of Blast Cells
Glucose-6-phosphate Dehydrogenase, neonatal		Deficient or Intermediate
Toxic Vacuolation, neonatal		Toxic Vacuolation seen
Microbiology		AFB Smears
	Blood Cultures	Positive
	CSF Smears (Gram, Indian Ink, Cryptococcal antigen)	Positive
	Molecular Detection Of Mycobacterium Tuberculosis	Mycobacterium tuberculosis complex detected
	Cryptococcal Antigen, Blood	Positive (Titre ≥1)
	Cryptococcal Antigen, CSF	Positive (Titre ≥1)
	Microscopy – Microsporidia	Microsporidia seen
	Acanthamoeba culture	Acanthamoeba isolated
	Respiratory Virus Panel Antigen IF	Detected for any of the components
	Influenza Virus A, B AND RSV PCR	Detected for any of the components

Division	Test	Call Back Concentrations
Clinical Chemistry	Acetaminophen	> 200 mg/L
	Amikacin	> 35 mg/L
	Digoxin	> 2.4 µg/L
	Gentamicin	> 13 mg/L
	Lithium	> 1.5 mmol/L
	Phenobarbital	> 40 mg/L
	Phenytoin	> 20 mg/L
	Salicylate	> 300 mg/L
	Theophylline	> 20 mg/L
	Valproate	> 120 mg/L
	Vancomycin	> 30 mg/L

With effect from: September 2022