

1. Criteria for telephoning NNUH and JPUH Clinical Biochemistry Test Results

KEY: Phone Immediately Phone AM Within 24hrs Phone next working day

Highlighted tests are the only ones that ED at NNUH require to be phoned

Analyte	Units	Action Limits: Assume lower and upper cut points are ≤ or ≥ respectively		Communication Type		Comments
		Lower cut	Upper cut	Primary Care/OPD	Inpatients	
AKI 3			AKI 3			All new occurrences
AKI 2			AKI 2 with K ⁺ ≥ 6.0			All new occurrences
AKI 2			AKI 2 with K ⁺ <6.0			To be communicated within 24hrs - Including weekends.
AKI 1			AKI 1 with K ⁺ ≥ 6.0			All new occurrences
ALT	U/L		750			
Ammonia	µmol/L		100			
Amylase	U/L		550			
Bicarbonate	mmol/L	10				
Bilirubin (Conjugated)	mmol/l		25			Neonates only
Calcium (adj.)	mmol/L	1.8	3.0			
Creatinine	µmol/L		Adults: 354 Children: x2 Upper Limit of Normal Renal OPD – Only if result had increased by at least 50 over previous 2 or 3 weeks			
CRP	mg/L		300			
Digoxin	ug/L		2.5			Note: GP/OPD next working day if K ⁺ within ref range
Glucose	mmol/L	2.5	25.0 30.0 if known type 2 diabetic for GP's 15.0 if less than 16yrs			
Lithium	mmol/L		1.5			
Magnesium	mmol/L	0.4				
Paracetamol			Positive			
Phenytoin	mg/L		25			
Phosphate	mmol/L	0.3				
Potassium	mmol/L	2.5	6.5			
Pregnancy Test Serum BHCG						All urgents
Salicylate	mg/L		Positive 300			
Sodium	mmol/L	125	150			
hs-Troponin I	ng/L		Female 15.6 Male 34.2			
Urea	mmol/l		30.0 10.0 if <16yrs			

TCK	U/L		5000		
Theophylline	mg/l		25		

2. Criteria for telephoning QEH Clinical Biochemistry Test Results

Analyte	Units	Action Limits: Assume lower and upper cut points are \leq or \geq respectively		Communication Type		Comments
		Lower cut	Upper cut	OPD	Inpatients	
AKI 3			AKI 3			All new occurrences
AKI 2			AKI 2 with $K^+ \geq 6.0$			All new occurrences
AKI 2			AKI 2 with $K^+ < 6.0$			To be communicated within 24hrs - Including weekends
AKI 1			AKI 1 with $K^+ \geq 6.0$			All new occurrences
ALT	U/L		750			
Ammonia	$\mu\text{mol/L}$		100			If <18 years old
Amylase	U/L		550			
Bicarbonate	mmol/L	10				
Bilirubin (Direct)	$\mu\text{mol/L}$		25			Neonates only
Calcium (adj.)	mmol/L	1.8	3.0			
CK	U/L		5000			
Creatinine	$\mu\text{mol/L}$		Adults: 354 Children: x2 Upper Limit of Normal Renal OPD – Only if result had increased by at least 50 over previous 2 or 3 weeks			
CRP	mg/L		300			
Digoxin	ug/L		2.5			
Glucose (diabetic)	mmol/L	2.5	30.0			
Glucose (non-diabetic)	mmol/L	2.5	15 (<16 yrs) 25 (>16 yrs)			
Lithium	mmol/L		1.5			
Magnesium	mmol/L	0.4				
Paracetamol	mg/L		30			
Phosphate	mmol/L	0.3				
Potassium	mmol/L	2.5	6.5			
Salicylate	mg/L		300			
Sodium	mmol/L	125	150			
hs-Troponin I	ng/L		Female 15.6 Male 34.2			
Urea	mmol/l		30.0 10.0 if <16yrs			

