

Biochemistry Critical Results for Phoning

Test	Unit	Lower limit ($\leq$)	Upper limit ($\geq$)
Sodium	mmol/L	• 130 (<16y) • 120 • 125 (GP)	155
Potassium	mmol/L	• 2.5 • 3.0 (SLAM)	6.5
Urea	mmol/L	—	• 10 (<16y) • 30
Creatinine	μ mol/L	—	• 200 (<16y) • 354
AKI		—	Stage 2 and Stage 3
Glucose	mmol/L	2.5	• 9.0 (pregnancy) • 15.0 (<16y) • 25.0 • 35.0 (known Diabetics)
Calcium (adjusted)	mmol/L	1.8	3.4
Magnesium	mmol/L	0.4	—
Phosphate	mmol/L	0.3	—
AST	U/L	—	• 500 (< 19y) • 525 (19y+ females) • 750 (19+y males)
ALT	U/L	—	• 500 (< 19y) • 525 (19y+ females) • 750 (19y+ males)
Conjugated Bilirubin	μ mol/L	—	25 (<4 weeks)
Ammonia	μ mol/L	—	100
Amylase	U/L	—	500
Bicarbonate	mmol/L	10	—
CK	U/L	—	• 5000 • 1000 (SLAM)
CRP	mg/L	—	300 (GP)
Lactate	mmol/L	—	4
Triglycerides	mmol/L	—	20

Test (immunoassay)	Unit	Lower limit ($\leq$)	Upper limit ($\geq$)
Cortisol	nmol/L	50 100 (GP)	—
TSH	mIU/L	—	50 (GP)
FT4	pmol/L	4 (GP)	40 (GP)
FT3	pmol/L	—	10 (GP)
Prolactin	mIU/L	—	10,000 (GP)

Tests – TDM/TOX	Unit	Upper limit ($\geq$)
Carbamazepine	mg/L	25
Digoxin	μ g/L	2.5
Ethanol	mg/L	4000
Lithium	mmol/L	1.5
Paracetamol	mg/L	All detectable levels
Phenobarbitone	mg/L	70
Phenytoin	mg/L	25
Salicylate	mg/L	300
Theophylline	mg/L	25