

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 (<19y) 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) 465 (19y+ females) 510 (19+y males)
ALT	U/L	—	500 (< 19y) 510 (19y+ females) 675 (19y+ males)
Conjugated Bilirubin	μ mol/L	—	25 (<4 weeks)
Ammonia	μ mol/L	—	100
Amylase	U/L	—	50 (0-14d) 110 (15d-<3w) 250 (13w-<1y) 505 (1-18y) 480 (18y+)
Bicarbonate	mmol/L	10	—
CK	U/L	—	5000 1000 (SLAM)
CRP	mg/L	—	300 (GP)
Lactate	mmol/L	—	4.0
Triglycerides	mmol/L	—	20.0

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
Phenytoin	mg/L	25
Salicylate	mg/L	300
Theophylline	mg/L	25