

Results outside our advisory limits may require prompt attention and to improve timely care of your patients, will be notified to those practices /midwives / hospital wards who have supplied us with a fax number or e-mail address.

Results outside our phone limits are deemed to have the potential to be clinically critical and will be phoned to the practice; or to the requester if the practice is closed.

Note: There are also some agreed variations (not listed) that have been requested by specialist hospital departments (for known renal, dialysis, haematology patients etc.).

Test	Reference Interval (Adult)		Advisory / Phone Limits	
Sodium	135 - 145 mmol/L		Notify	<130 or >147
			Phone	<125 or >150
Potassium	3.5 - 5.2 mmol/L		Notify	<3.2 or >5.5
			Phone	<3.0 or >6.0
Chloride	95 - 110 mmol/L		Phone	<85 or >125
Urea	3.2 - 7.7 mmol/L		Notify	>30.0 (age >18yrs) >10.0 (age <18yrs) If not previously noted
Creatinine	Female	45 - 90 µmol/L	Notify	>300 (age >18yrs) >150 (age <18yrs) If value >50 <u>higher</u> in one week
	Male	50 -110 µmol/L		
			Phone	>400 (age >18yrs) >200 (age <18yrs)
Exceptions - not phoned if:				
<ul style="list-style-type: none"> • Patient of the Renal Unit • Value is decreasing • Previous result <200 different from current result 				
Urate	Female	0.15 – 0.36 mmol/L	Notify	>0.70
	Male	0.20 – 0.42 mmol/L	Phone	Elevated result in pregnancy (>0.36)
Calcium (corrected)	2.2 - 2.6 mmol/L		Notify	<1.9 or >2.8
			Phone	<1.8 or >3.0
Phosphate	0.8 - 1.5 mmol/L		Notify	<0.6 or >1.8
			Phone	<0.5 or >2.5
Magnesium	0.6 - 1.2 mmol/L		Notify	<0.5 or >1.6
			Phone	<0.4 or >2.5
Glucose	Fasting	3.5 - 6.0 mmol/L	Notify	<3.0 or >15.0
	Non-fasting	3.5 - 7.7 mmol/L	Phone	<2.8 or >15.0 (not known diabetic) <2.8 or >25.0 (known diabetic)

Test	Reference Interval (Adult)	Phone / Fax Limits
CRP	<5 mg/L	Notify >100 Phone >200
hsTNI	Female ≤16 ng/L ≤34 ng/L	Phone All Abnormals >16 (female) >34 (male)
CK	Female 30- 180 IU/L 45 - 220 IU/L	Notify >2000 Phone >5000
Bilirubin	2 - 20 µmol/L	Notify >300
GGT	Female 10 - 35 IU/L Male 10 - 50 IU/L	Notify >2500
ALP	30 - 150 IU/L	Notify >2500
ALT	Female 0 - 30 IU/L Male 0 - 40 IU/L	Notify >2000 Phone Elevated in pregnancy (>30)
AST	10 - 50 IU/L	Notify >2000 Phone Elevated in pregnancy (>50)
Total Protein	64 - 83 g/L	Notify <45 or >100
Albumin	34 - 48 g/L	Notify <15
Amylase (pancreatic)	8 - 53 IU/L	Notify >100 Phone >200
Iron	10 - 30 mmol/L	Phone >55
Triglyceride		Phone >20 mmol/L
Cortisol		Phone <101 (if <u>not</u> dexamethasone)
Urine Protein	<22.7 g/mol	Phone >30.0 in pregnancy
Digoxin	0.6 - 2.0 mmol/L	Notify >2.0 if >12h post-dose Phone >3.0 any time post-dose
Lithium	0.6 - 0.8 mmol/L	Notify >0.8 if >8h post-dose Phone >1.6 any time post-dose