
UK Renal Registry 15th Annual Report: Appendix J Laboratory Conversion Factors

Conversion factors from SI units	
Albumin	$\text{g/dl} = \text{g/L} \times 0.1$
Aluminium	$\mu\text{g/L} = \mu\text{mol/L} \times 27.3$
Bicarbonate	$\text{mg/dl} = \text{mmol/L} \times 6.1$
Calcium	$\text{mg/dl} = \text{mmol/L} \times 4$
Calcium \times phosphate	$\text{mg}^2/\text{dl}^2 = \text{mmol}^2/\text{L}^2 \times 12.4$
Cholesterol	$\text{mg/dl} = \text{mmol/L} \times 38.6$
Creatinine	$\text{mg/dl} = \mu\text{mol/L} \times 0.011$
Glucose	$\text{mg/dl} = \text{mmol/L} \times 18$
Haemoglobin	$\text{Hct} = \text{g/dl} \times 3.11$ (NB this factor is variable)
Phosphate	$\text{mg/dl} = \text{mmol/L} \times 3.1$
PTH	$\text{ng/L} = \text{pmol/L} \times 9.5$
Urea	$\text{mg/dl} = \text{mmol/L} \times 6.0$
Urea nitrogen	$\text{mg/dl} = \text{mmol/L} \times 2.8$