

Core Biochemistry Reference Intervals

Drug Monitoring

This document is valid as of the date of issue and will be updated as required by Canterbury Health Laboratories (CHL). Outside of Canterbury Health Laboratories, this document should be used with caution.

Please contact CHL should you require an updated version.

Test Name	Additional Information	Reference Intervals		Units	Revision Date
		Lower	Upper		
Carbamazepine		16	50	µmol/L	Aug-09
	Unbound	4	10		
Digoxin		0.6	2	nmol/L	Jun-09
Ethanol		< 3		mmol/L	Jun-09
Gentamicin	Trough	< 0.5		mg/L	Aug-09
	AUC	70	100	mg/L/hr	
Lithium	Therapeutic Range	0.4	1.2	mmol/L	Aug-09
Lamotrigine		12	55	µmol/L	Dec-15
Paracetamol	As per the latest edition of Hospital Health Pathways			µmol/L	
Phenobarbitone		65	130	µmol/L	Aug-09
Phenytoin		40	80	µmol/L	Aug-09
	Unbound	4	9		
Salicylate		1.5	1.8	nmol/L	Jun-09
Theophylline		55	110	µmol/L	Aug-19
Tobramycin	Trough	< 0.5		mg/L	Aug-09
	AUC	70	100	mg/L/hr	
Valproate (Valproic Acid)	Adult	350	700	µmol/L	Aug-09
Vancomycin		5	10	mg/L	Aug-09