

Core Biochemistry Reference Intervals

Iron Studies and B12/Folate

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		
Iron	0 days – 2 mths	10	31	µmol/L	Aug-14
	> 2 mths – 1 yr	4	27		
	> 1 yr – 3 yrs	5	23		
	> 3yrs – 10 yrs	6	25		
	> 10 yrs – 18 yrs	8	32		
	> 18 yrs	10	30		
Ferritin	0 days – 15 yrs	15	150	µg/L	Sep-21
	> 15 yrs – 30 yrs (Male)	20	350		
	> 15 yrs – 30 yrs (Female)	20	400		
	> 30 yrs (Male)	20	150		
	> 30 yrs (Female)	20	300		
Transferrin	0 days – 2 mths	1.3	2.3	g/L	Aug-14
	> 2 mths – 3 yrs	1.6	3.3		
	> 3 yrs	2	3.5		
Transferrin Saturation	(Iron µmol/L / Transferrin g/L) x 3.98	16	45	%	Aug-14
Vitamin B12		80	675	pmol/L	Sep-21
Folate			> 7	nmol/L	Sep-21

Amendments

Issue number	Date reviewed	Summary of Change
3	31/07/25	No change from previous.

Accepted by

Position	Section Head	Clinical Director
Name		
Signature		
Date		