

## REFERENCE INTERVALS - CLINICAL CHEMISTRY

### BONE



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Test Group – Bone	Detail	Range	Units
Calcium	1 – 3days	1.80 – 2.80	mmol/L
	4days – 1yr	2.10 – 2.80	mmol/L
	>1yrs	2.10 – 2.55	mmol/L
Adjusted Calcium	<4days	1.80 – 2.80	mmol/L
	4days – 1yr	2.10 – 2.80	mmol/L
	>1yrs	2.10 – 2.55	mmol/L
Phosphate	<1yr	1.00 – 2.50	mmol/L
	1 – 6yrs	1.00 – 2.00	mmol/L
	7 – 11yrs	1.00 – 1.85	mmol/L
	12 – 14yrs	0.90 – 1.65	mmol/L
	15 – 16yrs	0.90 – 1.80	mmol/L
	>16yrs	0.70 – 1.50	mmol/L
Magnesium		0.70 – 1.0	mmol/L

### IRON METABOLISM

Test Group – Iron Metabolism	Detail	Range	Units	
Iron	0 - 2 months	10 – 31	µmol/L	
	2 months - 1year	4.0 – 27	µmol/L	
	1 - 3 years	5.0 – 23	µmol/L	
	3 - 10 years	6.0 – 25	µmol/L	
	10 - 18 years	8.0 – 32	µmol/L	
	Adult	10 - 30	µmol/L	
Transferrin		1.7 – 3.4	g/L	
Transferrin Saturation	0 – 2mths	0.35 – 0.94		
	2mths – 1yr	0.1 – 0.46		
	1 – 3yrs	0.1 – 0.42		
	3 – 10yrs	0.14 – 0.45		
	10 – 18yrs	0.15 – 0.50		
	>18yrs	0.15 – 0.50		
Ferritin	Female	0 - 5 months	15 - 400	ug/L
		5 - 11 months	15 - 80	ug/L
		1 - 14 years	15 - 150	ug/L
		15 - 19 years	15 - 170	ug/L
		20 - 29 years	20 - 170	ug/L
		30 - 40 years	20 - 190	ug/L
		>40 years	20 - 380	ug/L
	Male	0 - 5months	15 - 400	ug/L
		5 - 11 months	15 - 80	ug/L
		1 - 14 years	15 - 150	ug/L
		15 - 19 years	15 - 170	ug/L
		20 - 29 years	20 - 320	ug/L
		30 - 40 years	20 - 400	ug/L
		>40 years	20 - 450	ug/L

Last Reviewed:	Authorized	Quality Manager, Labtests Auckland	Chemical Pathologist, Labtests Auckland
January 2021	Date: 05/01/21	Saad Mansour	Dr Charles Ng