

Referrer Dr Jessica K Wilcox

Address ATHERTON CLINIC 2 WYLIE ST  
ATHERTON QLD 4883

Phone 0740912300

Lab ID 670139114

Your ref. 16558

Address 5 MOFFAT DRIVE  
TOLGA QLD 4882

Phone 0400051434

DOB 10/12/1969 (53 Yrs FEMALE)

Copy to

Clinical Notes viral screening

Requested 08/02/2023

Collected 08/02/2023 12:37

Received 08/02/2023 12:38

## HaematInics

Test Name	Result	Reference Interval	Units
Iron	13	5 - 30	umol/L
Transferrin	2.4	1.9 - 3.1	g/L
TIBC	61	47 - 77	umol/L
Saturation	21	20 - 45	%
Ferritin	106	30 - 300	ug/L
CRP	1.6	<5	mg/L
Vitamin B12	359	>150	pmol/L
Active B12	>128	>35	pmol/L
Folate (Serum)	32	>7.0	nmol/L

## Comments

Normal Iron Status.

All patients with low or equivocal vitamin B12 results (380 pmol/L or less) will be routinely tested for holo-transcobalamin (active B12) to clarify the B12 status.

Both tests are now Medicare rebateable. Vitamin B12 concentrations over 380 pmol/L are generally considered replete.

Active B12 (holotranscobalamin) is the biologically active fraction of total serum B12, and should be a superior indicator of B12 status. **Holotranscobalamin** level indicates Vitamin B12 deficiency unlikely. Up to 15% of patients will have a deficiency of carrier protein (haptocorrin) that does not appear to result in a clinically recognisable Vitamin B12 deficiency despite low total Vitamin B12 levels.

EA

SULLIVAN NICOLAIDES PTY LTD. ABN 38 078 202 196. NATA/RCPA ACCREDITATION NO 1964

Reported on 09-02-2023 19:11