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DOB 10/06/1985 (37 Yrs FEMALE)

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Requested 20/12/2022

Clinical Notes constellation of symptoms

Collected 17/01/2023 14:06

Received 17/01/2023 19:15

HaematInics

Test Name	Result	Reference Interval	Units
● CRP	7 H	<5	mg/L
Vitamin B12	349	> 150	pmol/L
Active B12	127	>35	pmol/L
Folate (Serum)	32	>7.0	nmol/L

Comments

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

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