



MC-6072

LABORATORY REPORT - FINAL



Name : Ms. RATHNA GABRIAL	Gender : Female	Lab ID : 50635928369
Age : 79 Years	Mob. No. :	Pt. ID :
B2B : EMAMI FRANK ROSS LIMITED	Ref. By :	Pt. Loc :
Reg Date and Time : 30-Jun-2025 16:13	Report Date and Time : 30-Jun-2025 18:18	Ref Id1 :
Sample Received at : KA-Shivajinagar		Ref Id2 :
Sample Collected at :		

TEST	RESULTS	UNIT	BIOLOGICAL REF RANGE	REMARKS
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Active - B12 (Holotranscobalamine)

Active - B12	H	> 256.0	pmol/L	25.1 - 165.0
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CMIA

Serum Coll. Time:30-Jun-2025 16:14

Note:
Active B12 test measures the amount of B12 bound to Holo Transcobalamin whereas the serum Vit B12 measure both Transcobalamin (TC) and Haptocorrin (HC) fractions as total Vit B12. It is more sensitive. If the serum vitamin B12 level is < 300 pg/mL, the levels of Active Vit B12 alone or in combination with serum total Vit B12 levels is/are useful in unmasking the deficiency state. Holo TC level of < 32 pmol/L indicates Vit B12 deficiency.
Measurement of Active Vit B12 is found to be more sensitive in detecting Vit B12 deficiency.
Holo Transcobalamin level of < 32 pmol/L has been suggested as cut off to identify the Vit B12 deficiency. Active Vitamin B12 levels will remain unchanged in pregnancy.
High titres of Intrinsic factor blocking auto antibodies (IF Ab) can lead to spuriously normal or high Vitamin B12 values.
Ref: Tietz Textbook of Clinical Chemistry and Molecular Diagnostics;6th Edition; P: 669-674.

Approved By: Dr.Bhuvaneshwari N B
Released by: Neuberg Anand Reference Laboratory

----- End Of Report -----

For test performed on specimens received or collected from non-NARL locations, it is presumed that the specimen belongs to the patient named or identified as labeled on the container/test request and such verification has been carried out at the point generation of the said specimen by the sender. NARL will be responsible Only for the analytical part of test carried out. All other responsibility will be of referring Laboratory.

Note:(LL-VeryLow,L-Low,H-High,HH-VeryHigh,A-Abnormal,HC- High Critical,LC-Low Critical,C-Critical)

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Dr.Bhuvaneshwari N B

Consultant Biochemist
Kmc No.: 101322

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