

LABORATORY REPORT

Name	: ANA MAY VILLARAMA	File. No.	: AAL02-371545
DOB/Gender	: 24-09-1988 (35 Yrs 3 Month 25 Days/Female)	Referral Doctor	: Self
Lab No.	: 22240180107	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 18-01-2024 13:28:22	Clinic File No	: 42256
Insurance	: No		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Vitamin B12 (Total)	570.00	pg/mL	197 - 771	ECLIA

Conversion Formula: (Concentration in pg/mL) x (0.7378) = pmol/L.

The reference range of Vitamin B12 given is that of kit insert.

Recommendation: According to latest guideline normal B12 level >400 pg/ml.

Samples should not be taken from patients receiving therapy with high biotin doses (i.e. > 5 mg/day) until at least 8 hours following the last biotin administration.

Please note Reference Range Reviewed w.ef 15/10/23.

Vitamin D, 25-OH (Total)	33.60	ng/mL	Deficiency: < 20 Insufficiency: 20 - 30 Sufficiency: 30 - 50 Optimal: 50 - 100 Excess: >100 Toxicity: >150	ECLIA
---------------------------------	-------	-------	---	-------

Conversion Formula: (Concentration in ng/mL) x (2.5) = nmol/L.

Vitamin D3 and Vitamin D2 are the most abundant forms of Vitamin D in the body. Vitamin D3 is synthesized in the skin from 7-dehydrocholesterol in response to sunlight. The best nutrition sources of D3 are oily fish primary salmon and mackerel. Vitamin D2' nutrition sources are from some vegetables, yeast and fungi. The vegetarian diet is abundant in Vitamin D2.

Vitamin D (D3, D2 and metabolites) is converted to 25-hydroxyvitamin D in the liver. The measurement of 25-OH vitamin D concentration in the serum or plasma is the best indicator of vitamin D nutritional status.

Vitamin D deficiency is commonly treated with vitamin D2 or D3 medications. Fortified foods and nutrition supplements may contain either form. Please note

Reference Range Reviewed w.ef 15/10/23 .

Sample Type : Serum

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

These tests are accredited under ISO 15189:2012 unless specified by (*)

Sample processed on the same day of receipt unless specified otherwise.

Test results pertains only the sample tested and to be correlated with clinical history.

Reference range related to Age/Gender.

Dr. Solmaz Siddiqui
Laboratory Director
DHA/LS/248469

H/L Collected On : 18-01-2024 11:00:00
Authenticated On : 18-01-2024 14:58:24
Received On : 18-01-2024 13:28:00
Released On : 18-01-2024 15:03:09

Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822