

LABORATORY REPORT

Name	: LIAQAT ALI KHAN MOMIN KHAN	File. No.	: AAL02-309731
DOB/Gender	: 01-01-1992 (31 Yrs 11 Month 29 Days/Male)	Referral Doctor	: Dr. Sajid Sanaullah Khan
Lab No.	: 22233640274	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 30-12-2023 19:36:09	Clinic File No	: 39961
Insurance	: NATIONAL GENERAL INSURANCE (HEALTHNET)		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
# 25-OH Vitamin D Total	15.20 ^L	ng/mL	Deficiency: < 10 Insufficiency: 10-30 Sufficiency: 30-50 Optimal: 50-100 Excess: >100 Toxicity: >150	CMIA

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 .

Remarks:

Test result to be interpreted in the light of clinical history and to be investigated further if necessary.

Sample Type : Serum

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 : 27-12-2023 20:00:00 Received On : 30-12-2023 19:36:00
Authenticated On : 30-12-2023 21:27:11 Released On : 30-12-2023 21:46:45



Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
Free T3 (Tri-iodothyronine - Free)	2.93	pg/mL	2.0–4.4	ECLIA

Conversion Formula: (Concentration in pg/mL) x (1.536) = pmol/L. This free fraction represents the physiologically active thyroid hormone. Free T3 is typically elevated to a greater degree than free thyroxine (T4) in Graves' disease. Free T3 is also important in monitoring patients on anti-thyroid therapy where treatment is focused on reducing the T3 production and the T4 conversion to T3. Please note Reference Range Reviewed w.ef 15/10/23

Sample Type : Serum

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

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