

LABORATORY REPORT

Name	: AISHA UMER M UMER BIN NASSEM SIDDQUI	File. No.	: AAL02-1311317
DOB/Gender	: 06-07-1994 (30 Yrs 11 Month /Female)	Referral Doctor	: Dr. Farhan Ilyas Malik
Lab No.	: 22251500005	Referral Clinic	: Citicare Medical Center LLC
Request Date	: 30-05-2025 09:16:00	Clinic File No	: 46156
Insurance	: NEXTCARE		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
Vitamin D, 25-OH (Total)	21.40 ^L	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 .

Remarks:

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

Sample Type : Serum

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

These tests are accredited under ISO 15189:2022 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

Patient Sample Collected On : 27-05-2025 06:40:00
Authenticated On : 30-05-2025 11:53:32

Received On : 30-05-2025 09:16:00
Released On : 30-05-2025 11:56:45



Wasik Hasan Tisekar
Laboratory Technician
DHA-P-0039673