

LABORATORY REPORT

Name	: DIYAA JAMIL ABDALLAH OTHMAN	File. No.	: AAL02-331800
DOB/Gender	: 04-12-1996 (26 Yrs 7 Month 25 Days/Female)	Referral Doctor	: Self
Lab No.	: 22232090342	Referral Clinic	: Peshawar(Irham Medical Center)
Request Date	: 28-07-2023 21:19	Clinic File No	: 40578
Insurance	: No		

CLINICAL BIOCHEMISTRY

Test Name	Result	Units	Ref. Range	Method
25-OH Vitamin D Total	18.70 ^L	ng/mL	Deficiency: < 10 Insufficiency: 10-30 Sufficiency: 30-50 Optimal: 50-100 Excess: >100 Toxicity: >150	CMIA

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

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 : 28-07-2023 19:00:00
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Esmeralda Obenita
Lab Incharge
DHA/LS/2992011/ 241430

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HORMONES/ENDOCRINE/TUMOR MARKERS

Test Name	Result	Units	Ref. Range	Method
B-HCG (serum)	61.19^H	mIU/ml	Nonpregnant: < 5.0	CMIA

B-HCG ranges during normal pregnancy are:

Weeks post LMP = B-HCG (mIU/ml)

3-4 weeks = 9 -130

4-5 weeks = 75 - 2600

5-6 weeks = 850 - 20800

6-7 weeks = 4000 - 100200

7-12 weeks = 11500 - 289000

12-16 weeks = 18300 - 137000

16-29 weeks = 1400 - 53000

29-41 weeks = 940 - 60000

Remarks:

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

Sample Type : Serum

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

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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

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Authenticated On : 29-07-2023 11:13:44 Released On : 29-07-2023 11:15:26
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Pring

Padmapriya Kumaresan
Sr. Technician
DHA/LS2992011/243822