LPL - PRODUCTION TEST COLLECTION CENTRE
SECTOR - 18, BLOCK-E ROHINI
DELHI 110085

Name	: **DUMMY**			**Collected**	: **29/5/2021 1:37:00AM**
Lab No.	: **DUMMYG183**	**Age:** 25 Years	**Gender:** Male	**Received**	: **29/5/2021 4:27:34PM**
				Reported	: **1/6/2021 4:25:32PM**
A/c Status	: **P**	**Ref By :** DR. DUMMY DUMMY		**Report Status**	: **Final**

Test Name	Results	Units	Bio. Ref. Interval
VITAMIN D, ULTRASENSITIVE (LC-MS/MS)			
25-Hydroxy Vitamin D Total	**46.00**	nmol/L	75.00 - 250.00
25-Hydroxy Vitamin D2	23.00	nmol/L	
25-Hydroxy Vitamin D3	23.00	nmol/L	

Interpretation

RESULT IN nmol/L	REMARKS
<50	Severe Deficiency
50-74	Mild to Moderate Deficiency
75-250	Optimum level
>250	Toxic level

Note

1. Reference ranges represent clinical decision values and are established only for 25-Hydroxy Vitamin D, Total.
2. Conventional Immunoassays may have sample-specific interferences that can lead to variable performance. These interferences include other vitamin D metabolites (e.g. 24,25-dihydroxyvitamin D3, 3-epi 25 hydroxy vitamin D3) and certain lipid.
3. Physiologically inactive epimers of Vitamin D2 & D3 are separated chromatographically with Vitamin D metabolites as they may result in overestimation of Total Active Vitamin D levels. This can create therapeutic errors since patients who are deficient or insufficient may appear sufficient and toxicity may be reported in patients with high normal levels.

Comments

Vitamin D Total levels are composed of two components namely 25-Hydroxy Vitamin D2 and 25-Hydroxy Vitamin D3 both of which are converted into active forms. Vitamin D2 level corresponds with the **exogenous** dietary intake of Vitamin D rich foods as well as supplements. Vitamin D3 level corresponds with **endogenous** production **as well as exogenous** diet and supplements. This test is the preferred test for assessing vitamin D status and most accurately reflects the body's vitamin D stores.

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Test Name	Results	Units	Bio. Ref. Interval

Decreased Levels

- Inadequate exposure to sunlight
- Dietary deficiency
- Vitamin D malabsorption
- Severe Hepatocellular disease
- Drugs like Anticonvulsants
- Nephrotic syndrome

Increased levels

Vitamin D intoxication

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----------End of report ----------

IMPORTANT INSTRUCTIONS

*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory. *Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician .*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results.
(#) Sample drawn from outside source.