

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

Name	: DUMMY	Collected	: 1/6/2021 5:31:00AM
Lab No.	: DUMMYR118	Age: 25 Years	Gender: Male
		Received	: 1/6/2021 5:32:55PM
		Reported	: 2/6/2021 2:25:02PM
A/c Status	: P	Ref By : DR. DUMMY DUMMY	Report Status : Final

Test Name	Results	Units	Bio. Ref. Interval
VITAMIN D, 1, 25 DIHYDROXY, SERUM (CLIA)	11.00	pmol/L	47.76 - 190.32

Note

- The assay measures both D2 (Ergocalciferol) and D3 (Cholecalciferol) metabolites of vitamin D
- 1,25-dihydroxy vitamin D concentrations are not a reliable indicator of vitamin D toxicity; normal (or even low) results may be seen in such cases.

Comment

1,25 dihydroxy Vitamin D is the major biologically active form of Vitamin D. Its concentration is only 1/1000 that of 25, hydroxy Vitamin D and has half life of 5 to 6 hrs. Circulating levels are regulated by PTH, phosphate & calcium. While 1,25-dihydroxy vitamin D is the most potent vitamin D metabolite, levels of the 25-OH forms of vitamin D more accurately reflect the body's vitamin D stores. However, in the presence of renal disease, 1,25-dihydroxy vitamin D levels may be needed to adequately assess vitamin D status

Uses

- Differentiation of Primary hyperparathyroidism from Hypercalcaemia of cancer
- Differentiation of Vitamin D dependent and Vitamin D resistant rickets
- Monitoring Vitamin D status in Chronic renal failure
- Assessing compliance of 1,25 dihydroxy Vitamin D therapy

Increased levels

- Granulomatous disease
- Primary hyperparathyroidism
- Lymphoma
- 1,25 dihydroxy Vitamin D intoxication
- Vitamin D dependent Rickets type II

Decreased levels

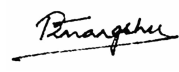
- Renal failure
- Hyperphosphatemia





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Test Name	Results	Units	Bio. Ref. Interval
<ul style="list-style-type: none"> Hypomagnesemia Hypoparathyroidism Pseudohypoparathyroidism Vitamin D dependent Rickets Type I Hypercalcemia of malignancy 			


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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.

