

Name :	DUMMY	Age :	30 Years
Lab No. :	439854467	Gender :	Male
Ref By :	U	Reported :	16/5/2023 1:36:25PM
Collected :	14/5/2023 11:03:00AM	Report Status :	Final
A/c Status :	P	Processed at :	LPL-NATIONAL REFERENCE LAB
Collected at :	LPL-ROHINI (NATIONAL REFERENCE LAB)		National Reference laboratory, Block E,
	National Reference laboratory, Block E, Sector		Sector 18, Rohini, New Delhi -110085
	18, ROHINI		
	DELHI 110085		



Test Report

Test Name	Results	Units	Bio. Ref. Interval
<ul style="list-style-type: none"> It shows seasonal variation, with values being 40-50% lower in winter than in summer. Levels vary with age and are increased in pregnancy. A new test Vitamin D, Ultrasensitive by LC-MS/MS is also available 			

Comments

Vitamin D promotes absorption of calcium and phosphorus and mineralization of bones and teeth. Deficiency in children causes Rickets and in adults leads to Osteomalacia. It can also lead to Hypocalcemia and Tetany. Vitamin D status is best determined by measurement of 25 hydroxy vitamin D, as it is the major circulating form and has longer half life (2-3 weeks) than 1,25 Dihydroxy vitamin D (5-8 hrs).

Decreased Levels

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

Increased levels

Vitamin D intoxication

