



LABORATORY INVESTIGATION REPORT

Patient Name : Ms. SHUBHANGINI KORI **Age/Sex** : 28 Year(s) / Female
UHID : RXWF.473918 **Order Date** : 01/08/2024
Ref. Doctor : Corporate-HC Whitefield **Facility** : RxDx Whitefield

Immunoassays- Hormones

Test	Result	Unit	Reference Range
Sample No : 07H0077995	Collection Date : 01/08/24 09:50	Report Date : 01/08/24 17:25	

25-Hydroxy Vitamin D Total

25 OH Vitamin D	5.40 ▼	ng/ml	VITAMIN D DEFICIENT [< 20 NG/ML] INSUFFICIENT [20 - 29 NG/ML] SUFFICIENT [30 - 100 NG/ML] POTENTIAL TOXICITY [>100 NG/ML]
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Method - ECLIA-electrochemiluminescence immunoassay, Sample - Serum

"Interpretation:

Milder degrees of insufficiency is believed to cause reduced efficiency in the utilization of dietary calcium. Vitamin D deficiency causes muscle weakness; in the elderly, the risk of falling has been attributed to the effect of vitamin D on muscle function. Vitamin D deficiency is a common cause of secondary hyperparathyroidism. Elevations of parathyroid hormone levels, especially in elderly vitamin D deficient adults can result in osteomalacia, increased bone turnover, reduced bone mass and risk of bone fractures. Low 25-hydroxyvitamin D concentrations are also associated with lower bone mineral density. In conjunction with other clinical data, the results may be used as an aid in the assessment of bone metabolism. Insufficiency has been linked to diabetes, different forms of cancer, cardiovascular disease, autoimmune diseases and innate immunity."

End of Report

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