



Patient ID SA00104384	Patient Name SAMPLEREPORT, 2425D	Birth Date 2001-01-01	Gender M	Age 17
Order Number SA00104384	Client Order Number SA00104384	Ordering Physician CLIENT, CLIENT	Report Notes	
Account Information C7028846 DLMP Rochester		Collected 08 Feb 2018 08:08		

25HDN:24,25 Dihydroxy VitD Ratio, S

24,25 Dihydroxy Vitamin D

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25.00

High

Interpretation: Ratios in the 25 to 80 range can be seen in patients with low vitamin D or heterozygous CYP24A1 mutations. Confirmation with molecular testing is recommended.

REFERENCE VALUE

Results should be interpreted in the context of other biochemical findings including serum calcium, parathyroid hormone, and 1,25 dihydroxyvitamin D concentrations. If 25-OH-D is less than 20 ng/ml the ratio of 25-OH-D to 24,25-dihydroxyvitamin D will be falsely elevated since there is no inactivation 25-OH-D to 24,25-dihydroxyvitamin D.

SDL

24,25-Dihydroxy VitD Total

2.00 ng/mL

1 SDL

Reference Value
Not Applicable

25-Hydroxyvitamin D2 and D3, S

25-Hydroxy D2

25 ng/mL

SDL

25-Hydroxy D Total

50 ng/mL

1 SDL

25-Hydroxy D3

25 ng/mL

SDL

REFERENCE VALUE

25-HYDROXY D TOTAL (D2+D3) Optimum levels in the healthy population are 20–50, patients with bone disease may benefit from higher levels within this range.

Received: 09 Feb 2018 08:08

Reported: 09 Feb 2018 15:13

Laboratory Notes

- 1 This test was developed and its performance characteristics determined by Mayo Clinic in a manner consistent with CLIA requirements. This test has not been cleared or approved by the U.S. Food and Drug Administration.

Performing Site Legend

Code	Laboratory	Address	Lab Director	CLIA Certificate
SDL	Mayo Clinic Laboratories - Rochester Superior Drive	3050 Superior Drive NW, Rochester MN 55901	William G. Morice M.D. Ph.D	24D1040592