
LAB ALERT

Date: January 14, 2020

Test Update: New Vitamin D Total Screening Assay Now Available

Dear Regional Pathology Services Clients,

We are very excited to announce effective Jan 29, 2020 a new quantitative Vitamin D total screening assay (Test Code: VITD) in human serum and plasma via immunoassay that will offer greatly enhanced turnaround time for our clients.

This will be the preferred test for screening Vitamin D levels (Test code: VITD) in lieu of the D2/D3 by Tandem Mass Spectrometry method (Test Code: VIT25).

New Test Name: Vitamin D 25-Hydroxy Total **New Test Code:** VITD **CPT Code:** 82306

- **Sample requirements:** PST tubes are preferred. Red or Gold stopper serum tubes or plasma are acceptable.
- **Reference Ranges:**
Vitamin D 25 OH Total by chemiluminescence
< 30 ng/mL: Deficient
30-80 ng/mL: Adequate
80-120 ng/mL: Elevated
>120 ng/mL: Possible toxicity
For the Vitamin D25 total by immunoassay if the value >120 ng/mL, we recommend ordering the Vit D25 D2 and D3 by MSMS (Test Code: VIT25).

Vit D25 D2 and D3 by MSMS

- < 30 ng/mL: Deficient
- 30-80 ng/mL: Adequate
- 80-150 ng/mL: Elevated
- >150 ng/mL: Possible toxicity
- **Important notes:**
 1. Falsely elevated results may occur in patients being treated with Paricalcitol (Zemplar). Vitamin D levels should not be tested in patients who have received Paricalcitol within 24 hours of obtaining the sample.
 2. Due to limitation of the stability of 25-hydroxyvitamin D for this assay, this test cannot be ordered as an “add on” to specimens frozen and thawed more than one cycle.

The quantitative Vitamin D, 25 Hydroxy D2/D3 via tandem LC-MS/MS will continue to be available for those medical situations that require more detailed investigation of the Vit D pathway. However, evaluation of Vitamin D via tandem LC-MS/MS cannot be ordered as an “add-on” to the total 25-hydroxyvitamin D specimen tested via immunoassay due to sample requirements.

Interface Build Information:

Order Code	Name	Result Code	Result Name	LOINC
VITD	VITD 25OH TOTAL	VITD	VITD 25OH TOTAL	35365-6

If you have any questions or issues with these changes please contact client services at 402-559-6420 and ask to speak with one of the client coordinators.