

Memo

To: AML Reference Laboratory Clients
From: Allina Medical Laboratories, Reference Laboratory Services
Date: September 28, 2006
Re: Vitamin D Test Changes

Effective immediately, all test results for the Vitamin D, 25 Hydroxy (113/VTD) will include results for the D2 and D3 Fractions, as well as the Total. There will be no changes to CPT or price. The AML on line Collection Manual has been revised to reflect this change.

Due to the change in the Vitamin D, 25 Hydroxy test, all orders for Vitamin D, 25 Hydroxy LC/MS/MS (994/MSO) will be cancelled and reordered as a Vitamin D, 25 Hydroxy.

Measurement of Serum 25-OH Vitamin D concentrations provide a good index of circulating Vitamin D activity in patients not suffering from renal disease. Lower than normal 25-OH Vitamin D levels can result from a dietary deficiency, poor absorption of the vitamin, or impaired metabolism of the sterol in the liver. A 25-OH Vitamin D deficiency can lead to bone diseases such as Rickets and Osteomalacia. Above normal levels can lead to hypercalcaemia. This assay employs liquid chromatography tandem mass spectrometry to independently measure and report the two common forms of 25-Hydroxy Vitamin D; 25OH D3 – the endogenous form of the vitamin, and 25OH D2 – the analog form used to treat 25OH Vitamin D3 deficiency.

Test Name:	VITAMIN D, 25-HYDROXY
Test Number:	113/VTD
Collect:	2 ml Serum
Peds Collect:	0.5 ml Serum
Alternate Collect:	EDTA, or Na Heparin
Container:	Serum Separator Tube (SST)
Processing:	Spin
Transport/Stability:	Refrigerated or Frozen; Ambient - Not stable.
Alternate Names:	Total Vitamin D, Vitamin D2, Calcidiol , Vitamin D3, Calcitriol
Performing Lab:	Quest Diagnostics (17603)
Days Set Up:	M - Sa
Expected TAT:	2 -3 Days
Ref. Ranges:	25 - 80ng/ml Optimum Level for Total
Collection/	
Processing Details:	Spin and Separate if collect in plain red without gel.
Method:	LC-MS/MS
CPT Code:	82306-90
Revised Date:	09/28/2006