



NOTICE

Date: December 6, 2009

Dear Valued Clients:

Foundation Laboratory is pleased to announce that effective December 8, 2009 25-hydroxy Vitamin D will added to the in-house test menu. The role of vitamin D in bone and mineral metabolism has been recognized from its first identification as a factor that could cure rickets.

This test is based on Diasorin's methodology using Liaison platform. The LIAISON[®] 25 OH Vitamin D TOTAL Assay uses chemiluminescent immunoassay (CLIA) technology for the quantitative determination of 25-hydroxyvitamin D and other hydroxylated vitamin D metabolites in human serum, EDTA-plasma or lithium heparin plasma to be used in the assessment of vitamin D sufficiency

The specimen requirement:

- Two (2) to three (3) mL of serum or plasma specimens.
- Blood should be collected in SST[®] Serum Separation Tubes or EDTA (lavender top) as the anticoagulant.
- Fasting samples are recommended, but not required.
- Grossly hemolyzed or lipemic samples will be rejected.

Expected Ranges:

<u>Vitamin D status</u>	<u>25 OH Vitamin D</u>	
Deficiency	< 10 ng/mL	< 25 nmol/L
Insufficiency	10-30 ng/mL	25-75 nmol/L
Sufficiency	30-100 ng/mL	75-250 nmol/L
Toxicity	>100 ng/mL	>250 nmol/L

For supplies and other needs please make sure to contact your Foundation Laboratory representative.

Sincerely;

J. Kermani, MSMT (ASCP, NCA), Ph.D.
Director of Technical Operations