



Technical Memorandum

TO: Physicians, Staff
From: Wesley Kim, MD, Medical Director
Date: April 11, 2014
Subject: Vitamin D 25-hydroxy

Beginning May 5, 2014, DLS will be changing manufacturer/methodology for 25-OH Vitamin D testing from the IDS immunoassay system to the Roche Elecsys Immunoassay system. Compared to the previous method, the Roche method is standardized to LC-MS/MS, which at present is considered to be the gold standard method for measuring Vitamin D, is traceable to the NIST (National Institute of Standards and Technology), and shows good recognition of both forms of 25-OH Vitamin D (D2 and D3), allowing for improved accuracy of results and excellent reproducibility.

The reference range is not expected to change ($>$ or $=$ to 30 ng/mL). This range is a health based reference value and is based on expert recommendations stated in the literature and guidelines published by the National Kidney Foundation.

Because variability in results can occur between different manufacturers and methodologies, it is recommended to re-baseline your patient before making decision about treatment based on the new assay results, if clinically indicated.

If you have any questions, please call DLS Client Services at 589-5101, or Dr. Wesley J. Kim at 589-5131.