



News Release

Siemens introduces fully automated Vitamin D Total assay on ADVIA Centaur Systems

Laboratories to benefit from precise, consistent results in as little as 18 minutes

Siemens Healthcare Diagnostics has introduced its fully automated Vitamin D Total assay for use on ADVIA Centaur® Immunoassay Systems. The assay is traceable to Liquid Chromatography-Mass Spectrometry (LC-MS/MS) considered the gold standard in vitamin D testing. It also measures the total 25-hydroxyvitamin D [25(OH)D] level (~100% D₂ and D₃) to ensure patients are correctly evaluated for deficiency, sufficiency or toxicity.

Vitamin D deficiency has long been associated with rickets in children and osteomalacia in adults with long-term insufficiency of calcium and vitamin D leading to osteoporosis. Recent studies are linking vitamin D deficiency to several other disease states such as cancer, cardiovascular, diabetes and autoimmune diseases¹. Deficiency rates today are rising worldwide² as people limit their sun exposure due to the risk of skin cancer – the demand for Vitamin D testing is therefore also rising as a general health indicator.

“As testing volumes increase, laboratories need to feel confident that they can meet demands with an accurate and reliable Vitamin D assay,” said Alison Edgington, Marketing Manager for Biochemistry at Siemens Healthcare Diagnostics. “The ADVIA Centaur Vitamin D Total assay will enable laboratories to report precise, consistent results in as little as 18 minutes assisting in improving sample turnaround times.”

Siemens Vitamin D Total assay measures a patient’s total 25(OH) vitamin D level - ~100% of D₂ and D₃, the two major forms of vitamin D. For more information about the ADVIA Centaur Vitamin D Total assay, visit www.siemens.com/VitaminDtotal.

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Notes to editor

1. Dietary Supplemental Fact Sheet: Vitamin D Office of Dietary Supplements. National Institutes of Health, updated 11/13/2009
2. Holick MF. N. Engl. J. Med. 2007; 266-81

Photo: Siemens Healthcare Diagnostics has introduced a fully automated Vitamin D Total assay on ADVIA Centaur® Systems to give laboratories precise, consistent results in as little as 18 minutes.



About Siemens Healthcare

The **Siemens Healthcare Sector** is one of the world's largest suppliers to the healthcare industry and a trendsetter in medical imaging, laboratory diagnostics, medical information technology and hearing aids. Siemens offers its customers products and solutions for the entire range of patient care from a single source – from prevention and early detection to diagnosis, and on to treatment and aftercare. By optimizing clinical workflows for the most common diseases, Siemens also makes healthcare faster, better and more cost-effective. Siemens Healthcare employs some 48,000 employees worldwide and operates around the world. In fiscal year 2010 (to September 30), the Sector posted revenue of 12.4 billion euros and profit of around 750 million euros. For further information please visit: www.siemens.com/healthcare

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