

NMS Labs Clinical Director of Endocrinology publishes groundbreaking research that compares measurement techniques for free thyroid hormones

June 2, 2009, WILLOW GROVE, PA – Dr. Steven J. Soldin, Clinical Director of Endocrinology at NMS Labs, has recently published an article in Clinical Chemistry that sums up his research and establishes the superiority of tandem mass spectrometry (LC-MS/MS) over immunoassay for the measurement of free thyroid hormones. The study involved four patient populations including children, euthyroid adults, as well as healthy pregnant and non-pregnant women.

“Accurate measurement of free thyroid hormones is important for managing thyroid disorders which led us to this research that compares two very common methodologies,” expressed Dr. Soldin.

Through this research, we now know that measuring free thyroid hormones using LC-MS/MS rather than more traditional immunoassay will yield a more accurate result and lead to improved diagnoses of hyper- and hypo-thyroidism as well as contribute to improved patient management. This method more robustly documents the known relationship between TSH and thyroid hormones than do measurements obtained with immunoassays. This accurate representation of the functioning of the pituitary thyroid axis lends support to the premise that LC-MS/MS should become the preferred assay for documenting the concentrations of free thyroid hormones.

About NMS Labs:

Since 1970, NMS Labs has been a leader in professional laboratory testing with an impeccable reputation in science and service. A national reference laboratory, NMS Labs is unsurpassed in its scope of tests, accuracy of results, scientific expertise, and innovation. NMS Labs is passionate about promoting public health and safety. For more information on NMS Labs please visit www.nmslabs.com.

For more information, contact:

Pam Lipschutz, Marketing
215-366-1638
pamela.lipschutz@nmslabs.com

###