

## MEMORANDUM

**TO:** All Regional Medical Laboratory (RML) clients

**FROM:** William Fitter, MD, Chief of Clinical Chemistry and Toxicology  
Nacoal Brewer, MLS(ASCP), Client Support Manager  
Shelli Lamb, MLT(ASCP), Reference Lab Specialist

**DATE:** June 19, 2014

**SUBJECT:** Thyroglobulin Level and Thyroglobulin Antibodies (AB) Group Test

Due to changes in **Thyroglobulin Level** methodology and reference range, RML will be offering re-baseline testing through the performing reference laboratory for this test at no additional charge from 06/02/14 through 08/04/14. The new method for performing Thyroglobulin Level is chemiluminescence. The values obtained from the old method and new method assay cannot be used interchangeably. There is no change in methodology for Thyroglobulin Antibodies (AB), note that the reference range has changed. Effective immediately, you will see results and reference ranges for both old and new methodology for Thyroglobulin Level. The cost of the test will not change.

Please note that the Thyroglobulin value may be falsely decreased in specimens that contain an anti-thyroglobulin autoantibody (Thyroglobulin AB) of 2 IU/mL or greater.

Test Name: **Thyroglobulin Level and AB**  
Order Mnemonic: **THYROGLOB**  
Test number: 3608010  
Specimen Required: 2 mL Serum from SST or Red No-Gel  
Specimen Stability: RT = 7 days, RF = 7 days, FR = 28 days  
CPT code: 86800 and 84432

### OLD

Reference Range: Thyroglobulin Level **2.0-35.0 ng/mL**  
Thyroglobulin (AB) **0.0-20.0 IU/mL**

### NEW

Reference Range: Thyroglobulin Level **2.8-40.9 ng/mL**  
Thyroglobulin (AB) **≤ 1 IU/mL**

If you have questions, please contact William Fitter, MD, Chief of Clinical Chemistry and Toxicology, Nacoal Brewer, MLS(ASCP), Client Support Manager or Shelli Lamb, MLT(ASCP), Reference Lab Specialist at 918-744-2500.