



A LabCorp Company

July 17, 2010

Endocrinology Service Update: Reference Range Change

Explanation of change: Update to Anti-Thyroglobulin Antibodies (Anti-Tg) reference ranges; update to Comprehensive Thyroglobulin reflex algorithm

Effective Date: September 13, 2010

The reference range for all patient ages/sex demographics for Anti-Tg will be updated to reflect a result of “Negative” (< 2 IU/mL) or “Positive” (> or = to 2 IU/mL). Recent evaluations of the cutoff and lower limit of quantitation (LLOQ) indicate that 2 IU/mL provides good accuracy and precision.

As a result of this Anti-Tg reference range change, the Comprehensive Thyroglobulin reflex algorithm will now be updated to 2 IU/mL. If Anti-Tg results as “Negative” (< 2 IU/mL), the Tg-ICMA methodology will be performed. If Anti-Tg results as “Positive” (> or = to 2 IU/mL) the Tg-RIA methodology will be performed.

Please refer to the attached chart for details on the new reference range and algorithm update. For additional information, please call us at (800) 444-9111. We value you as a customer and thank you for choosing Esoterix.

Test Name	Test Code	CPT Code	Predicate Reference Range	New Reference Range
Anti-Thyroglobulin Antibodies (Anti-Tg)	500038 (no change)	86800 (no change)	All ages: Negative: < 1 IU/mL Positive: > or = 1 IU/mL	All ages: Negative: < 2 IU/mL Positive: > or = 2 IU/mL
			Predicate Reflex Algorithm	New Reflex Algorithm
Thyroglobulin (w/Anti-thyroglobulin screen), Comprehensive	500316 (no change)	86800, 84432 (no change)	All ages: Anti-Tg results as Negative (< 1 IU/mL); Tg-ICMA performed Anti-Tg results as Positive (> or = 1 IU/mL); Tg-RIA performed	All ages: Anti-Tg results as Negative (< 2 IU/mL); Tg-ICMA performed Anti-Tg results as Positive (> or = 2 IU/mL); Tg-RIA performed