

Thyroglobulin Antibodies

CPT Code: 86800

Order Code: C376

ABN Requirement: No

Synonyms: Thyroid Antibody, Thyroglobulin; Anti-Thyroglobulin Antibody; Thyroglobulin; Anti-Tg

Specimen: EDTA Plasma or Serum

Volume: 0.5 mL

Minimum Volume: 0.3 mL

Container:

Serum: Gel-barrier tube (SST, Tiger Top)

Plasma: EDTA (Lavender Top tube)

Collection:

Serum:

1. Collect and label sample according to standard protocols.
2. Gently invert tube 5 times immediately after draw. DO NOT SHAKE.
3. Allow blood to clot 30 minutes.
4. Centrifuge for 10 minutes.

EDTA Plasma:

1. Draw and gently invert 8 to 10 times.
2. Centrifuge for 10 minutes.
3. Pre-squeeze transfer pipet bulb and draw off approximately 2/3 of the upper plasma layer.
Note: *This ensures that the buffy coat and red cells remain undisturbed.*
4. Aliquot plasma into labeled transport tube and cap tightly. Discard original tube.
5. Store transport tube refrigerated at 2-8°C until ready to ship.

Special Instructions: Samples should not be taken from patients receiving therapy with high biotin doses (>5 mg/day) until at least 8 hours following the last biotin administration. Thyroglobulin concentrations >2000 ng/mL may lead to

falsely elevated anti-Thyroglobulin concentrations.

Transport: Store serum at 2°C to 8°C after collection and ship the same day per packaging instructions provided with the Cleveland HeartLab shipping box.

Stability:

Ambient (15-25°C): 4 days

Refrigerated (2-8°C): 8 days

Frozen (-20°C): 2 months

Deep Frozen (-70°C): 2 months

Causes for Rejection: Gross hemolysis; specimens other than serum; improper labeling; samples not stored properly; samples older than stability limits

Methodology: Electrochemiluminescence Immunoassay (ECLIA)

Turn Around Time: 1 to 5 days

Reference Range:

Age	IU/mL
All Ages	<115

Use: Thyroglobulin antibody testing is useful in the diagnosis of autoimmune thyroid conditions, including Grave’s disease and certain types of goiter.

Additional Information: Thyroid antibodies may be mildly to moderately elevated in thyroid and autoimmune disorders, including thyroid cancer, type 1 diabetes and rheumatoid arthritis.

The CPT codes provided are based on AMA guidelines and are for informational purposes only. CPT coding is the sole responsibility of the billing party. Please direct any questions regarding coding to the payer being billed.