
Lab Dept: Chemistry

Test Name: THYROXINE BINDING GLOBULIN

General Information

Lab Order Codes: TBG

Synonyms: TBG

CPT Codes: 84442 – Thyroxine binding globulin

Test Includes: TBG reported in mg/dL.

Logistics

Test Indications: N/A

Lab Testing Sections: Chemistry - Sendouts

Referred to: Esoterix Inc. (ESL Test: 500318)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 5 days, test set up Monday-Friday

Special Instructions: N/A

Specimen

Specimen Type: Blood

Container: Red top tube
Alternate tube: Lavendar (EDTA) top tube

Draw Volume: 3 mL (Minimum: 0.9 mL) blood

Processed Volume: 1 mL (Minimum: 0.3 mL) serum

Note: Minimum value does not allow for repeat analysis.

Collection: Routine venipuncture

Special Processing: Lab Staff: Centrifuge specimen, remove serum aliquot into a screw-capped round bottom vial. Separate within one hour of collection. Store and ship frozen. Forward promptly.

Patient Preparation: None

Sample Rejection: Mislabeled or unlabeled specimens

Interpretive

Reference Range:	Age	Range (ug/mL)
	Children:	12.7 – 27.9
	Adults:	13 – 39

Critical Values: N/A

Limitations: N/A

Methodology: Competitive Immunoassay (ICMA – Chemiluminescent) Assay

References: Esoterix Inc. “Expected Value and S.I. Unit Conversion Table”, 5th Edition

[Esoterix Laboratories](#) July 2012

Updates: 9/27/2010: Minimum volume, method (previously listed as Double antibody RIA) and reference range update