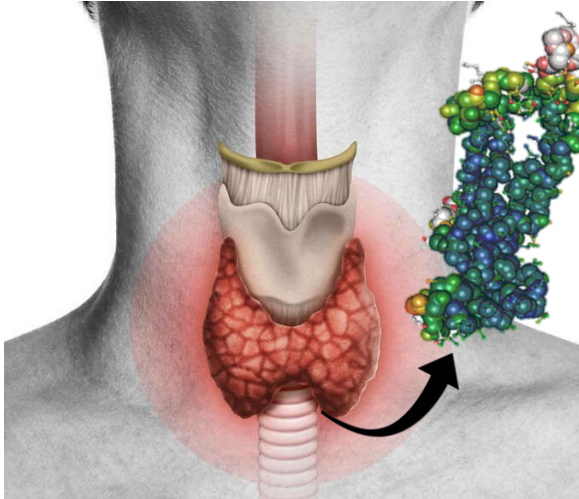


# Thyroid Antigen Testing Change



- Thyroglobulin is synthesized in follicular cells of the thyroid gland and is the precursor of Thyroxin (T4) and Triiodothyronine (T3).
- Thyroglobulin is commonly used as a biomarker for patients with thyroid carcinoma to monitor for recurrence
- Starting **February 28, 2024**, the **Thyroglobulin, Quantitative (LAB9270)** assay performed at SUNY Upstate will be changed to a more robust testing platform.
- The new Thyroglobulin assay normal range is < 50 ng/mL compared to the old assay normal range of <35 ng/mL
- Note: the new assay does not have any Biotin interference that is seen with the current assay

## Current reporting

### Thyroglobulin Total Quantitative

Collected 2/16/2024 08:32 Status: Final result Visible to patient: Yes (seen) Dx: Thyroid cancer

0 Result Notes

Component	2/16/24 0832	7/10/23 1020	1/9/23 1140
Thyroglobulin Total Quantitative	<0.1	<0.1 CM	0.1 CM

Ref Range & Units  
<35 ng/ml

Comment: (NOTE)  
Note: High Biotin intake may cause falsely low results.  
Interpretation: If Thyroglobulin Antibody results ">2.3 IU/mL",  
Thyroglobulin testing via LC-MS/MS should be ordered, which is a send  
out test (LabCorp Test Code:042045).  
Test performed on Beckman Coulter Access 2 using  
immunoenzymatic immunoassay technology.

## New reporting

### Thyroglobulin Total Quantitative

Collected 2/21/2024 14:00 Status: Final result Visible to patient: No (inaccessible in MyChart)

0 Result Notes

Component	2/21/24 1400
Thyroglobulin Total Quantitative	32.5

Specimen Collected: 02/21/24 14:00

Last Resulted: 02/21/24 14:59

[Lab Flowsheet](#) [Order Details](#)