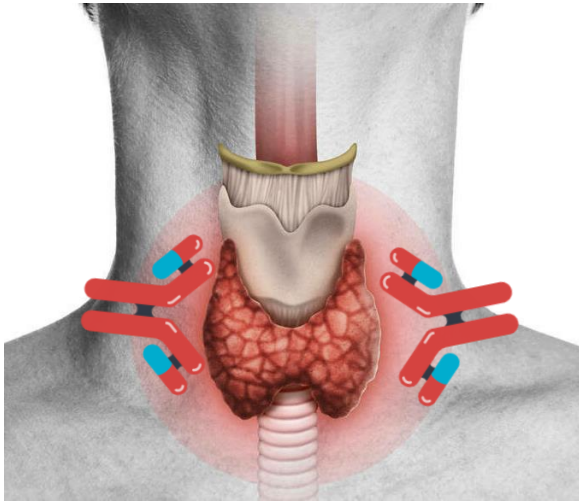


# Thyroid Antibody Testing Change



- Starting **July 18, 2023**, the Upstate University Hospital Laboratory will change the assays for **Thyroglobulin antibodies (TgAb; LAB533)** and **Thyroperoxidase antibodies (TPOAb; LAB858)**
- The new assays for these analytes are more robust and reliable than the current assays
- The new assay has a different methodology resulting in very different normal ranges compared to the current assays
- Interpretation of results should be interpreted using the **appropriate normal ranges**
- Caution should be used when interpreting testing results on the **new** assays compared to historical results on the **current** assays
- Please advise your patients with longitudinal testing of this change and appropriate interpretation

## Current reporting

### Thyroglobulin Ab

Collected 7/5/2023 10:49 Status: Final result Visible to patient: Yes (not seen)

#### 0 Result Notes

Component	Ref Range & Units	7/5/23 1049
Thyroglobulin Ab	<2.3 IU/mL	3.7 ^
Comment: (NOTE) Note: High Biotin intake may cause falsely low results. Test performed on Beckman Coulter Access 2 using immunoenzymatic immunoassay technology. For reference ranges and result interpretation, refer to the Laboratory Test Catalog at <a href="https://www.upstate.edu/pathology/healthcare/orders.php">https://www.upstate.edu/pathology/healthcare/orders.php</a>		

### Thyroid peroxidase antibody

Collected 7/5/2023 10:49 Status: Final result Visible to patient: Yes (not seen)

#### 0 Result Notes

Component	Ref Range & Units	7/5/23 1049
Thyroid Peroxidase Ab	<9.0 IU/mL	1.3
Comment: For reference ranges and result interpretation, refer to the Laboratory Test Catalog at <a href="https://www.upstate.edu/pathology/healthcare/orders.php">https://www.upstate.edu/pathology/healthcare/orders.php</a>		

## New reporting

### Thyroglobulin Ab

Collected 7/6/2023 08:00 Status: Final result Visible to patient: No (inaccessible in MyChart)

#### 0 Result Notes

Component	Ref Range & Units	7/6/23 0800
Thyroglobulin Ab	<115 [IU]/mL	83
Comment: For reference ranges and result interpretation, refer to the Laboratory Test Catalog at <a href="https://www.upstate.edu/pathology/healthcare/orders.php">https://www.upstate.edu/pathology/healthcare/orders.php</a>		

### Thyroid peroxidase antibody

Collected 7/6/2023 08:00 Status: Final result Visible to patient: No (inaccessible in MyChart)

#### 0 Result Notes

Component	Ref Range & Units	7/6/23 0800
Thyroid Peroxidase Ab	<34 [IU]/mL	13
Comment: For reference ranges and result interpretation, refer to the Laboratory Test Catalog at <a href="https://www.upstate.edu/pathology/healthcare/orders.php">https://www.upstate.edu/pathology/healthcare/orders.php</a>		

For questions or more information, please contact the **Core Laboratory** at 315-464-4459