

Thyroglobulin and related antibodies: notification of assay changes

Date: June 1, 2018

Effective Date: June 20th, 2018

Thyroglobulin (THGP2), Thyroglobulin Antibody (THGLO) and Thyroid Peroxidase Antibody (THPER) assays will be changed.

Note:

- No change to specimen collection.
- Tests will be performed at URMC.
- Reference range cut-off for Thyroglobulin has been changed.
- Reference range cut-off for Thyroglobulin Antibody Thyroid Peroxidase Antibody remain the same.
- Thyroglobulin Antibodies can interfere with the determination of Thyroglobulin. If specimen contains Thyroglobulin Antibodies, interpret Thyroglobulin with caution.
- High doses of biotin are likely to cause erroneously low results for Thyroglobulin.

Reference ranges:

Test Name	Current Reference Range	New Reference Range	Concordance with current method
Thyroglobulin	0 – 55 ng/mL	0 – 50 ng/mL	90.9%
Thyroid Peroxidase Antibody	0 - 9 IU/mL	0 - 9 IU/mL	100%
Thyroglobulin Antibody	0 – 4 IU/mL	0 – 4 IU/mL	100%

For questions, please contact Dr. Zhang by any of the methods listed below.

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