

Health Care Provider Bulletin

Thyroglobulin and Anti-Thyroglobulin Test Ordering [ONTARIO]

Dear Health Care Providers,

Effective **February 5, 2024**, all thyroglobulin test orders will automatically have an anti-thyroglobulin test added on to the order. Both the thyroglobulin and anti-thyroglobulin results will be reported. There is no change to reference intervals or interpretive comments, and both tests will continue to be performed on the current platform (Roche Cobas e801).

Anti-thyroglobulin antibodies can potentially interfere with the measurement of thyroglobulin. Its presence needs to be identified for the appropriate interpretation of thyroglobulin results. By automatically including anti-thyroglobulin with a thyroglobulin order, it ensures accurate interpretation of thyroglobulin results for all patients. This practice will be consistent with recommendations on managing thyroid cancer.^{1,2}

For further information, please contact the LifeLabs clinical biochemists below, or LifeLabs Customer Care Centre at 1-877-849-3637.

We welcome your feedback!



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References:

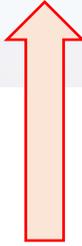
- 1) Giovanella, Luca, et al. "Thyroglobulin and thyroglobulin antibody: an updated clinical and laboratory expert consensus." *European Journal of Endocrinology* 189.2 (2023): R11-R27.
- 2) Haugen, Bryan R., et al. "2015 American Thyroid Association management guidelines for adult patients with thyroid nodules and differentiated thyroid cancer: the American Thyroid Association guidelines task force on thyroid nodules and differentiated thyroid cancer." *Thyroid* 26.1 (2016): 1-133.

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