

# Provincial Laboratory Services



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**Health PEI**  
One Island Health System

## Thyroglobulin Assay Change

November 5, 2020

***This information applies to:*** *Island Physicians and Nurse Practitioners*

As of October 15<sup>th</sup> 2020, the referral laboratory for Thyroglobulin testing (QEII Lab in Halifax) updated to a more high sensitive assay that can report values down to 0.06 ug/L. The purpose of this change was to reduce the need for TSH stimulation testing as values <0.2 ug/L or a <50% rise of thyroglobulin concentration suggest recurrence of disseminated thyroid carcinoma is unlikely.

Because this is a new assay with different reference intervals, previous thyroglobulin concentrations should not be directly compared with results of the new assay. To distinguish among the two assays, thyroglobulin test results will now report separately in Cerner Millennium as “Thyroglobulin High Sensitivity”; and this reporting format is consistent with the paper report generated by the QEII laboratory in Nova Scotia. For trending purposes, re-baselining thyroid cancer patients with the new assay may be warranted. The ordering process and order name has not changed, although the previous assay is no longer available.

***For more information, contact:***

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