

## WellSpan Thyroglobulin, Thyroid Ab Panel and ant-TPO Orders to be Performed at York Hospital Starting Friday, October 20<sup>th</sup>

Beginning Friday, October 20<sup>th</sup>, all WellSpan facilities will be forwarding Thyroglobulin (thyroglobulin + Tg Ab), Thyroid Ab Panel (Tg Ab + anti-TPO) and anti-Thyropoxidase (anti-TPO) to York Hospital for testing. The Thyroid Ab Panel and anti-TPO will be tested in chemistry and reported as expected in Epic Beaker. This testing had previously been sent to Quest.

In contrast, the thyroglobulin will have to be handled differently. The thyroglobulin is a tumor marker used to assess persistent thyroid cancer after thyroidectomy or ablation and can be used to detect recurrence of thyroid cancer. This test is used for monitoring patients. The patient results may need to be re-baselined with the new testing platform. Therefore, the York Clinical Laboratory will perform the in-house test and simultaneously send a split sample to Quest for testing. The new test results and the Quest test results will post in Epic in the same place (see screen shot below). This will be carried out for 1 month until Monday, November 20<sup>th</sup>. The patient will not be charged for the additional test sent to Quest.

Reference ranges changes will be as follows:

	<b>NEW</b>	<b>OLD</b>
• Thyroglobulin	(1.6 – 50 ng/ml)	(2.8 – 40.9 ng/ml)
• Thyroglobulin Ab	(<4 IU/ml)	(<1 IU/ml)
• Anti-TPO	(<9 IU/ml)	(<9 IU/ml)

Ordering physicians and APCs can expect results for thyroglobulin to be approximately 7% higher than the Quest test counterpart.

Please contact Stephen Manzella, PhD at [smanzella@wellspan.org](mailto:smanzella@wellspan.org) with questions or concerns.

The screenshot shows the Epic Beaker interface for a patient named Gdgest, Yh Heme (MRN 050001715). The results table is as follows:

Res	Component	Value	Units	I	A	L	IE	R	Ref. Range	Method	Chart	Pv
1	Thyroglobulin	25.0	ng/mL						1.6-50.0	YH DX1 603547		>6310.0
<p>Comment: Quest thyroglobulin result: 30.0 ng/mL</p> <p>Excess biotin may interfere with this test. Please contact the clinical laboratory if more information is needed.</p>												
1	Thyroglobulin Antibody	5	IU/mL						>4	YH DX1 603547		5

Method: YH DX1 603547      Last received: 10/15/2017 15:14

**Previous Values**

Component	7/5/2017 14:05
Thyroglobulin	>5000.0 ng/mL <sup>1</sup>
Thyroglobulin Antibody	5 IU/mL