



## Intraoperative PTH

Laboratory Alliance is pleased to announce that rapid testing for intact parathyroid hormone (PTH) collected intraoperatively will be available at our Rapid Response Laboratory at Upstate University Hospital Community Campus beginning October 9, 2017. This assay will be performed on the Tosoh A1A-360 which uses enzyme immunoassay methodology. Please note that this is a different assay than our existing Intact PTH assay, although results are comparable between methods. The Tosoh method will be used for intraoperative specimens only. All other PTH testing will continue to be performed at our Operations Center using the Siemens Immulite 2000 XPi chemiluminescent immunoassay analyzer.

In order to provide the most rapid turn-around time during surgery, the specimen of choice will be EDTA plasma. Time from receipt in the laboratory to reporting is expected to be approximately 25 minutes. Testing will be available daily, all shifts. So that we may provide the optimal turn-around time, please notify the laboratory in advance so that we can have the instrument ready for analysis when the sample arrives.

<b>Test name:</b>	<b>PTH, Intraoperative</b>
<b>Test mnemonic:</b>	PTHIO
<b>Method:</b>	Enzyme immunoassay
<b>Specimen Requirements:</b>	One lavender top tube; 1.0 mL EDTA plasma minimum. Serum is also acceptable, but will delay analysis due to pre-analytical processing.
<b>Unacceptable:</b>	Heparinized or citrated plasma
<b>Stability:</b>	Refrigerated: 24 hours
<b>Transport:</b>	Ambient. Pneumatic tube delivery is acceptable.
<b>Schedule of Testing:</b>	Daily, all shifts

Questions regarding these tests may be directed to Cheryl Haskins, MS, MT(ASCP)SC, Manager of Chemistry and Referral Testing, at 315-410-7014 or [cherylhaskins@lacny.com](mailto:cherylhaskins@lacny.com) or to Sara Stankivitz, BS, MT, Chemistry Supervisor, Upstate University Hospital- Community Campus RRL at 315-492-5175 or [sarastankivitz@lacny.com](mailto:sarastankivitz@lacny.com).

09/27/17, cmh