

# Reagent Change for Intact-PTH Immunoassay



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On **3/2/2018** the Chemistry laboratory will upgrade to the next generation of Intact-PTH immunoassay (i-PTH) on our Siemens ADVIA Centaur XP immunoassay platform. The test name and ordering process will remain the same.

The new generation of i-PTH immunoassay comes with a reference range update from the manufacturer.

Current reference range for i-PTH is 12—77 pg/mL

**New reference range for i-PTH is 19—88 pg/mL**

This updated reference range has been verified by the lab in internal studies. Correlations between the new and current generation assays are good with excellent agreement in the 5-100 ng/mL range. The new generation i-PTH assay displayed a constant -10% bias vs the current generation assay for samples measuring >100 ng/mL. This bias will not affect the practice of trending i-PTH values intraoperatively or otherwise, as this bias is constant.

If you have any questions concerning this change please contact Dr. Clayton Wilburn in the laboratory.

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