



An Affiliate of Methodist Health System

**THE PATHOLOGY CENTER**

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# Bulletin Technical

## ***PARATHYROID HORMONE (PTH)***

Effective Thursday, May 19, 2005 Methodist Pathology Center will begin performing PTH tests on-site. The PTH test will include a Calcium test. These tests will be available 24 hours a day 7 days a week.

The PTH immunoassay measures intact parathyroid hormone and is useful in the differential diagnosis of hypercalcemia and hypocalcemia. PTH can also be measured intraoperatively during adenoma resection to assess the completeness of resection on the basis of the rapid fall in PTH.

### **REFERENCE RANGES:**

PTH	15-75 pg/mL
Calcium	8.4-10.4 mg/dL

**NOTE:** The interpretive graph previously provided by our reference laboratory will no longer be part of the report.

### **SPECIMEN REQUIREMENTS:**

Because of the short-half life of **PTH**, serum from an SST is the choice. Centrifuge immediately and remove serum from the cells. Centrifuge immediately after allowing the sample to clot. Serum is stable for two days refrigerated. A minimum of 0.6 mL is required to perform the PTH test.

Serum is acceptable for **Calcium**.

Please call Client Services at (402) 354-4541 or 888-432-8980 if you have any questions.