<table>
<thead>
<tr>
<th><strong>Lab Dept:</strong></th>
<th>Chemistry</th>
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<td><strong>Test Name:</strong></td>
<td>PTH, INTACT</td>
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**General Information**

- **Lab Order Codes:** IPTH
- **Synonyms:** Parathyroid Hormone, Intact
- **CPT Codes:**
  - 83970 – Parathormone (parathyroid hormone)
  - 82310 – Calcium, total
- **Test Includes:** PTH intact (pg/mL) and total calcium (mg/dL)

**Logistics**

- **Test Indications:** N/A
- **Lab Testing Sections:** Chemistry – Sendouts
- **Referred to:** Esoterix, Inc. (ESL Test: 500246)
- **Phone Numbers:**
  - MIN Lab: 612-813-6280
  - STP Lab: 651-220-6550
- **Test Availability:** Daily, 24 hours
- **Turnaround Time:** 3 - 6 days, test set up Monday - Friday
- **Special Instructions:** See Patient Preparation

**Specimen**

- **Specimen Type:** Blood
- **Container:** Lavender top tube AND SST or Red top
- **Draw Volume:** 9 mL (Minimum: 3 mL) blood
  - Place 6 mL (Minimum: 2 mL) blood in Lavender (EDTA) top tube and 3 mL (Minimum: 1 mL) in SST or Red top tube.
- **Processed Volume:**
  - 2 mL (Minimum: 0.5 mL) EDTA plasma
  - 1 mL (Minimum: 0.5 mL) serum
  - **Note:** Use of the minimum volume does not allow repeat analysis
**Collection:** Routine venipuncture  

**Special Processing:** Lab Staff: Centrifuge both tubes immediately within 45 minutes of collection. Transfer aliquots into a screw-capped round bottom plastic vial. Clearly label aliquots as EDTA plasma and serum.  

Do not leave blood at ambient temperature. Store and ship at frozen temperatures. Forward promptly.  

**Patient Preparation:** Fasting specimen preferred  

**Sample Rejection:** Specimens other than serum; mislabeled or unlabeled specimens  

**Interpretive**  

**Reference Range:** All ages: <10 – 65 pg/mL with normal calcium  

**Critical Values:** N/A  

**Limitations:** Specimens left at ambient temperature may affect results.  

**Methodology:** ICMA, Ion-specific electrode  

**References:**  


**Updates:**  

8/13/15: Specimen requirement changes.  
4/3/17: Updated specimen processing.