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**Lab Dept:** Chemistry

**Test Name:** PTH, INTACT

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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)

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***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:** 2 - 4 days, test set up Monday - Friday

**Special Instructions:** See [Patient Preparation](#)

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***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: 1.5 mL) blood in Lavender (EDTA) top tube  
and 3 mL (Minimum: 1.5 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

<b>Collection:</b>	Routine venipuncture
<b>Special Processing:</b>	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.
<b>Patient Preparation:</b>	Fasting specimen preferred
<b>Sample Rejection:</b>	Specimens other than serum; mislabeled or unlabeled specimens

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### ***Interpretive***

<b>Reference Range:</b>	All ages: <10 – 65 pg/mL with normal calcium
<b>Critical Values:</b>	N/A
<b>Limitations:</b>	Specimens left at ambient temperature may affect results.
<b>Methodology:</b>	ICMA, Ion-specific electrode
<b>References:</b>	<a href="#">Esoterix, Inc. Web Page</a> December 2017
<b>Updates:</b>	8/13/15: Specimen requirement changes. 4/3/17: Updated specimen processing.