
Lab Dept: Chemistry

Test Name: PTH, INTACT

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:	Esoterix, Inc. Web Page August 2015
Updates:	8/13/15: Specimen requirement changes. 4/3/17: Updated specimen processing.