

PARATHYROID
HORMONE,
PLASMA

Orderable - PTH

Turnaround Time: 4 hours

STAT: From OR @ VH only-Approximately 60 minutes

Alternate Name(s):

PTH
Intact Parathyroid Hormone
Intact PTH
Parathormone
Parathyrin

Specimen:

Adult	Pediatric
4 mL Lavender or 6 mL Pink top (EDTA) Vacutainer tube	0-2 years: 0.5 mL Lavender top (EDTA) Microtainer 2-10 years: 2 mL Lavender top (EDTA) Vacutainer tube
Red, Gold, or Light Green (Li-heparin) top tubes are also acceptable as long as the serum or plasma is separated from the cells immediately after collection; EDTA plasma is the preferred choice due to the greater stability of PTH in blood anticoagulated with EDTA	

PTH may be tested as an add-on to a CBC sample if <24 hours since collection.

Collection Information:

Minimum volume of plasma or serum required is 700 µL for adult samples or 200 µL for pediatric samples.

Hemolyzed samples cannot be analyzed due to assay interference.

Reference Ranges:

1.6-6.9 pmol/L



Laboratory:
Core Lab




Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Roche
Electrochemiluminescence



Test Schedule:
As required



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Comments:

Biotin may interfere with this test. Samples should not be taken from patients receiving high biotin doses (i.e. > 5 mg/day) until at least 8 hours after the last biotin administration.

Storage and Shipment:

Plasma suitable for analysis for 3 days if kept refrigerated. After 3 days, specimen must be frozen to be suitable for testing.