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:

<table>
<thead>
<tr>
<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td>4 mL Lavender or 6 mL</td>
<td>0-2 years: 0.5 mL Lavender top (EDTA) Microtainer</td>
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<tr>
<td>Pink top (EDTA) Vacutainer tube</td>
<td>2-10 years: 2 mL Lavender top (EDTA) Vacutainer tube</td>
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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
**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.