C-PEPTIDE, PLASMA/SERUM

Orderable - CPEP
Turnaround Time: 4 hours

Alternate Name(s):
C Peptide

Specimen:

<table>
<thead>
<tr>
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<th>Adult</th>
<th>Pediatric</th>
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<tbody>
<tr>
<td>Adult specimen</td>
<td>4.5 mL Green top Vacutainer tube</td>
<td>0-2 years: 0.5 mL Green top Microtainer</td>
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<td>2-10 years: 2 mL Green top Vacutainer tube</td>
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<td>Red, Gold, or Lavender (EDTA) top tubes are also acceptable</td>
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Collection Information:

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

Hemolysis may artificially decrease results.

Reference Ranges:

370-1470 pmol/L

Interpretive Comments:

Increased with excess secretion of endogenous insulin. Can be used to diagnose self-induced insulin hypoglycemia.

Storage and Shipment:

Store and ship plasma/serum at 4 °C. If analysis will not occur within 24 hours of collection, plasma/serum should be stored and shipped frozen.

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.