

C-
PEPTIDE,
PLASMA/
SERUM

Orderable - CPEP

Turnaround Time: 4 hours

Alternate Name(s):

C Peptide

Specimen:

Adult	Pediatric
4.5 mL Green top Vacutainer tube	0-2 years: 0.5 mL Green top Microtainer 2-10 years: 2 mL Green top Vacutainer tube
Red, Gold, or Lavender (EDTA) top tubes are also acceptable	

Collection Information:

Minimum volume of plasma or serum required is 700 μ L for adult samples or 200 μ L 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.



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Roche
Electrochemiluminescence



Test Schedule:
As required