

C1
INHIBITOR
PROTEIN,
SERUM/PLASMA

Orderable – C1IN

Turnaround Time: 10 days

Alternate Name(s):

C1 Esterase Inhibitor
C1 Inactivator

Specimen:

Adult	Pediatric
5 mL Gold top Vacutainer tube	0-2 years: 0.5 mL Red or Gold top Microtainer 2-10 years: 3 mL Red top Vacutainer tube
Light Green (Li-Heparin) or Lavender (EDTA) top tubes are also acceptable	

Collection Information:

Minimum volume of serum or plasma required is 360 µL for adult samples or 200 µL for pediatric samples.

Reference Ranges:

0.21 - 0.38 g/L

Interpretive Comments:

C1 inhibitor protein is decreased in hereditary angioneurotic edema, a genetic disease characterized by acute edema of subcutaneous tissue, the GI tract, or the upper respiratory tract.

Comments:

This is a quantitative assay; it does not assess the function of C1 inhibitor.

Storage and Shipment:

Store and ship serum or plasma refrigerated. Frozen serum or plasma is also acceptable.



Laboratory:
Clinical Immunology Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Turbidimetry



Test Schedule:
Monday – Friday
0800-1600