

## Protein C Antigen

Order Name: **PROT C AG**  
Test Number: 1503250  
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Protein C Antigen	Enzyme Immunoassay	27820-0

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	2mL (1)	Double Spun Plasma	Sterile, Capped Plastic Tube	Ambient whole blood or frozen aliquots

**Instructions**

**Specimen Type:** Blue-top (sodium citrate plasma) tube (2)  
**Specimen Storage:** FREEZE  
**Specimen Collection:** Blood should be collected in a blue-top tube containing 3.2% buffered sodium citrate.(1) Evacuated collection tubes must be filled to completion to ensure a proper blood-to- anticoagulant ratio.(2,3) The sample should be mixed immediately by gentle inversion at least six times to ensure adequate mixing of the anticoagulant with the blood. A discard tube is not required prior to collection of coagulation samples unless the sample is collected using a winged (butterfly) collection system. With a winged blood collection set a discard tube should be drawn first to account for the dead space of the tubing and prevent under-filling of the evacuated tube.(4,5) When noncitrate tubes are collected for other tests, collect sterile and nonadditive (red-top) tubes prior to citrate (blue-top) tubes. Any tube containing an alternative anticoagulant should be collected after the blue-top tube. Gel-barrier tubes and serum tubes with clot initiators should also be collected after the citrate tubes. Print and use the Specimen Collection Bulletin as a tube-filling guide. specimens for each test requested. Print and use the Specimen Collection Bulletin as a tube-filling guide.  
**Special Instructions:** If the patient's hematocrit exceeds 55%, the volume of citrate in the collection tube must be adjusted. Refer to Coagulation Collection Procedures for directions.  
**Specimen Stability:** Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available

### GENERAL INFORMATION

Expected TAT	2 - 4 days
Clinical Use	Protein C Antigen levels may be decreased with congenital deficiency, treatment with oral anticoagulants, liver disease, DIC, and post-surgery.
Performing Labcorp Test Code	080465
Notes	Labcorp Test Code: 080465
CPT Code(s)	85302
Lab Section	Reference Lab