

## Protein C, Functional

Order Name: **PROT C FUN**

Test Number: 1506000

Revision Date: 10/08/2024

TEST NAME	METHODOLOGY	LOINC CODE
Protein C, Functional	Clot Detection	27819-2

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	5.4 mL	Whole Blood	Sodium Citrate 3.2% (Blue Top)	Room Temperature
Alternate 1	3.0 mL	Double Spun Plasma	Sterile, Capped Plastic Tube	Frozen

Instructions	<p>Please indicate anticoagulant therapy.</p> <p>Collect Two 2.7mL Sodium Citrate 3.2% (Blue Top) tubes.</p> <p>Each 2.7mL Sodium Citrate 3.2% (Blue Top) tube must be filled to the proper level, no hemolysis. Improperly filled tubes can give erroneous results.</p> <p>Whole blood must be transported to lab immediately.</p> <p><b>If testing cannot be started within 4 hours of collection the specimen must be double spun then 1.5mL plasma aliquot from each tube into individual plastic aliquot tubes and freeze.</b></p> <p>Do not pool aliquots together!</p>			
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### GENERAL INFORMATION

Testing Schedule	Tue
Expected TAT	1-7 Days
Clinical Use	Protein C is a major regulator of the coagulation process. The clinical interest in Protein C levels is due to Protein C deficiencies, both acquired and congenital. Acquired deficiencies are found in hepatic disorders, in DIC and during oral anticoagulant therapy. Congenital Protein C deficiencies are characterized by recurrent venous thrombosis.
Notes	Aliases: Functional Protein C, Protein C Activity
CPT Code(s)	85303
Lab Section	Coagulation