

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          | Please indicate anticoagulant therapy.<br>Collect Two 2.7mL Sodium Citrate 3.2% (Blue Top) tubes.<br>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.<br>Whole blood must be transported to lab immediately.<br>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.<br>Do not pool aliquots together! |                    |                                |                       |

| GENERAL INFORMATION |  |
|---------------------|--|
| Testing Schedule    | Tue and/or Thur - Day Shift  |
| 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  |