

## Protein S, Functional

Order Name: **PROT S FUN**  
Test Number: 1506100  
Revision Date: 10/08/2024

TEST NAME	METHODOLOGY	LOINC CODE
Protein S, Functional	Clot Detection	27822-6

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (mL)	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.  
**Collect Two 2.7mL Sodium Citrate 3.2% (Blue Top) tubes.**  
 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.  
**Whole blood must be transported to lab immediately.**  
**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.**  
**Do not pool aliquots together!**

### GENERAL INFORMATION

Testing Schedule	Tue
Expected TAT	1-7 Days
Clinical Use	Protein S has an essential anticoagulant function. A congenital or acquired deficiency of Protein S increases the risk of thrombo-embolism. Congenital deficiencies are divided into 3 types, based on levels of both total and free Protein S Antigen, and on the activity level of Protein S. Protein S can also be decreased in hepatic disorders, inflammatory syndromes and oral anticoagulant therapy.
CPT Code(s)	85306
Lab Section	Coagulation