Protein S, Functional

Order Name: **PROT S FUN**
Test Number: 1506100
Revision Date: 09/03/2025

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

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.
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	Thursday - Day Shift
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