

**Reporting Title:** Protein S Activity, P**Performing Location:** Rochester**Specimen Requirements:****Specimen Type:** Platelet-poor plasma**Patient Preparation:** Patient must not be receiving Coumadin.**Collection Container/Tube:** Light-blue top (3.2% sodium citrate)**Submission Container/Tube:** Plastic vial**Specimen Volume:** 1 mL**Collection Instructions:**

1. For complete instructions, see [Coagulation Guidelines for Specimen Handling and Processing](#)
2. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
3. Aliquot plasma into a plastic vial leaving 0.25 mL in the bottom of centrifuged vial.
4. Freeze specimen immediately (no longer than 4 hours after collection) below -40 degrees C.

**Forms:**If not ordering electronically, complete, print, and send an [Coagulation Test Request](#) (T753) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen	14 days	

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
SFX	Protein S Activity, P	Numeric	%	27822-6

LOINC® and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

No

**CPT Code Information:**

85306

**Reference Values:**

Males: 65-150%

Females

&lt;50 years: 50-150%

&gt; or =50 years: 65-150%

Newborn infants have normal or near-normal free protein S antigen (> or =50%), although total protein S antigen is usually below the adult reference range. There are insufficient data concerning protein S activity in normal neonates, infants, and children; but normal or near-normal activity (> or =50%) probably is present by age 3 to 6 months.