

**Reporting Title:** Protein C Activity, P  
**Performing Location:** Rochester

**Ordering Guidance:**  
Coagulation testing is highly complex, often requiring the performance of multiple assays and correlation with clinical information. For that reason, consider ordering AATHR / Thrombophilia Profile, Plasma and Whole Blood.

**Necessary Information:**  
1. If the patient is being treated with Coumadin, this should be noted. Coumadin will lower protein C.  
2. Heparin (unfractionated or low molecular weight) 2 U/mL or more may interfere with this assay.

**Specimen Requirements:**  
**Specimen Type:** Platelet-poor plasma  
**Patient Preparation:** Fasting  
**Collection Container/Tube:** Light-blue top (3.2% sodium citrate)  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 1 mL  
**Collection Instructions:**

- For complete instructions, see [Coagulation Guidelines for Specimen Handling and Processing](#).
- Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
- Aliquot plasma into a plastic vial leaving 0.25 mL in the bottom of centrifuged vial.
- Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or, ideally, at -40 degrees C or below.

**Additional Information:**  
1. Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.  
2. Each coagulation assay requested should have its own vial.

**Forms:**  
[If not ordering electronically, complete, print, and send a 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®
CFX	Protein C Activity, P	Numeric	%	27818-4

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

**Supplemental Report:**  
No

**CPT Code Information:**

85303

**Reference Values:**  
70-150%