

**Reporting Title:** Coag Factor VIII Activity Assay, 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 a Coagulation Consultation.

**Necessary Information:**  
If priority specimen, mark request form, give reason, and request a call-back.

**Specimen Requirements:**  
**Specimen Type:** Platelet-poor plasma  
**Patient Preparation:** Patient must not be receiving Coumadin (warfarin) or heparin therapy.  
**Collection Container/Tube:** Light-blue top (3.2% sodium citrate)  
**Submission Container/Tube:** Plastic vial  
**Specimen Volume:** 1 mL  
**Collection Instructions:**

- Specimen must be collected prior to factor replacement therapy.
  - 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 or below -40 degrees C.
- Additional Information:**
- Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
  - 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®
F8A	Coag Factor VIII Activity Assay, P	Numeric	%	3209-4

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

**Supplemental Report:**  
No

**CPT Code Information:**

---

85240

**Reference Values:**

Adults: 55-200%

Normal, full-term newborn infants or healthy premature infants typically have levels greater than or equal to 40%.\*

\*See Pediatric Hemostasis References in [Coagulation Guidelines for Specimen Handling and Processing](#).