
Reporting Title: Factor XI Inhib Profile, P**Performing Location:** Rochester**Ordering Guidance:**

This test is for factor XI inhibitors only. If the presence or type of inhibitor is unknown, first order APROL / Prolonged Clot Time Profile, Plasma, except for patients with known hemophilia A or B. When screening studies are needed for patients with known hemophilia A or B, order 8INHE / Factor IX Inhibitor Evaluation, Plasma; or 9 INHE / Factor IX Inhibitor Evaluation, Plasma; respectively.

Shipping Instructions:

Send all vials in the same shipping container.

Necessary Information:

If priority specimen, mark request form, give reason, and request a call-back.

Specimen Requirements:

Specimen Type: Platelet-poor plasma

Patient Preparation:

1. Patient should not be receiving Coumadin (warfarin), heparin, direct thrombin inhibitors (argatroban, dabigatran), or direct factor Xa inhibitors (apixaban, rivaroxaban, and edoxaban).

2. Fasting preferred.

Collection Container/Tube: Light-blue top (3.2% sodium citrate)

Submission Container/Tube: 3 Plastic vials

Specimen Volume: 3 mL in 3 plastic vials, each containing 1 mL

Collection Instructions:

1. Specimen must be collected prior to factor replacement therapy.

2. For complete instructions, see Coagulation Guidelines for Specimen Handling and Processing.

3. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.

4. Aliquot plasma (1-2 mL per aliquot) into 3 separate plastic vials, leaving 0.25 mL in the bottom of centrifuged vial.

5. Freeze plasma immediately 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.

Specimen Minimum Volume:

2 Plastic vials, each containing 1 mL

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®
11INT	FXI Inhib Profile Tech Interp	Alphanumeric		69049-5
F_11	Coag Factor XI Assay, P Also used by tests: F_11	Numeric	%	3226-8

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
11INT	FXI Inhib Profile Tech Interp			Yes	No
F_11	Coag Factor XI Assay, P			Yes	Yes

CPT Code Information:

85390
85270
85335 (if appropriate)
85335 (if appropriate)
85390 (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
11AIH	FXI Inhib Profile Prof Interp			No	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
11_IS	Factor XI Inhib Scrn			No	No
GBETH	General Factor Bethesda Units, P			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
11AIH	607492	Reviewed by	Alphanumeric		18771-6
11AIH	607448	FXI Inhib Profile Prof Interp	Alphanumeric		69049-5
11_IS	7804	Factor XI Inhib Scrn	Alphanumeric		80603-4
GBETH	607434	General Factor Bethesda Units, P	Numeric	BU	13591-3

Reference Values:

FACTOR XI ACTIVITY ASSAY

Adults: 55-150%

Normal, full-term newborn infants or healthy premature infants may have decreased levels (> or =10%) that may not reach adult levels for 180 days or more postnatal.*

*See Pediatric Hemostasis References section in Coagulation Guidelines for Specimen Handling and Processing.

FACTOR XI INHIBITOR SCREEN:

Negative

GENERAL FACTOR BETHESDA UNITS:

< or =0.5 Bethesda Units