MAYO CLINIC LABORATORIES

Test Definition: 8INHE

Factor VIII Inhibitor Evaluation, Plasma

Reporting Title: Factor VIII Inhib Profile, P
Performing Location: Rochester

Ordering Guidance:

This test is for factor VIII inhibitors only. If the patient is known to have hemophilia A, this is the correct test to order. If the presence or type of inhibitor is unknown, first order APROL / Prolonged Clot Time Profile, Plasma. When screening studies are needed for patients with known hemophilia B, order 9INHE / Factor IX Inhibitor Evaluation, Plasma.

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 must not be receiving Coumadin (warfarin) or heparin therapy
2. Fasting preferred
Collection Container/Tube: Light-blue top (3.2% sodium citrate)
Submission Container/Tube: 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 (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.

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®
8INHT	FVIII Inhib Profile Tech Interp	Alphanumeric		69049-5
F8A	Coag Factor VIII Activity Assay, P **Also used by tests: F8A**	Numeric	%	3209-4

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
8INHT	FVIII Inhib Profile Tech Interp			Yes	No
F8A	Coag Factor VIII Activity Assay, P			Yes	Yes

CPT Code Information:

85390-Factor VIII Tech Interp
85240-Factor VIII activity assay
85335-Bethesda titer (if appropriate)
85335-Factor VIII inhibitor screen (if appropriate)
85390-Factor VIII Professional Interp (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
8AINH	FVIII Inhib Profile Prof Interp			No	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
8BETH	FVIII Bethesda Units, P			No	No
F8IS	Coag Factor VIII Assay Inhib Scrn,P			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
8AINH	607486	Reviewed by	Alphanumeric		18771-6
8AINH	607442	FVIII Inhib Profile Prof Interp	Alphanumeric		69049-5
8BETH	607431	FVIII Bethesda Units, P	Numeric	BU	3204-5
F8IS	7289	Coag Factor VIII Assay Inhib Scrn,P	Alphanumeric		3206-0

Reference Values:

FACTOR VIII ACTIVITY ASSAY
Adults: 55-200%
Normal, full-term newborn infants or healthy premature infants typically have levels greater or equal to 40%.*
*See Pediatric Hemostasis References in Coagulation Guidelines for Specimen Handling and Processing.

FACTOR VIII INHIBITOR SCREEN:
Negative

GENERAL FACTOR BETHESDA UNITS: < or =0.5 Bethesda Units