MAYO CLINIC LABORATORIES

Test Definition: 9INHE

Factor IX Inhibitor Evaluation, Plasma

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

Ordering Guidance:

This test is for factor IX inhibitors only. If the patient is known to have hemophilia B, 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 A, order 8INHE / Factor VIII 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®
9INHT	FIX Inhib Profile Tech Interp	Alphanumeric		69049-5
F_9	Coag Factor IX Assay, P **Also used by tests: F_9**	Numeric	%	3187-2

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
9INHT	FIX Inhib Profile Tech Interp			Yes	No
F_9	Coag Factor IX Assay, P			Yes	Yes

CPT Code Information:

85390
85250
85335 (if appropriate)
85335 (if appropriate)
85390 (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
9AINH	FIX Inhib Profile Prof Interp			No	No

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
9BETH	FIX Bethesda Units, P			No	No
F9_IS	Factor IX Inhib Scrn			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
9AINH	607487	Reviewed by	Alphanumeric		18771-6
9AINH	607443	FIX Inhib Profile Prof Interp	Alphanumeric		69049-5
9BETH	607432	FIX Bethesda Units, P	Numeric	BU	3185-6
F9_IS	7802	Factor IX Inhib Scrn	Alphanumeric		30086-3

Reference Values:

FACTOR IX ACTIVITY ASSAY
Adults: 65-140%
Normal, full-term newborn infants or healthy premature infants may have decreased levels (> or =20%) 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 IX INHIBITOR SCREEN:
Negative

GENERAL FACTOR BETHESDA UNITS:
< or =0.4 Bethesda Units