MAYO CLINIC LABORATORIES

Test Definition: CHF8P

Chromogenic Factor VIII Inhibitor Bethesda Profile, Plasma

Reporting Title: Chromogenic FVIII Inhibitor Profile
Performing Location: Rochester

Ordering Guidance:

This test is indicated for testing for FVIII inhibitors in patients being treated with the specific antibody emicizumab (Hemlibra).

This test is for detection of presence of specific inhibitors against factor VIII (FVIII). If the presence or type of inhibitor is unknown, APROL / Prolonged Clot Time Profile, Plasma or ALUPP / Lupus Anticoagulant Profile, Plasma should be ordered first.

Multiple coagulation profile tests are available. For testing that is performed with each profile, see Coagulation Profile Comparison.

Shipping Instructions:

Send all vials in the same shipping container.

Specimen Requirements:

Specimen Type: Platelet-poor plasma
Collection Container/Tube: Light-blue top (3.2% sodium citrate)
Submission Container/Tube: Plastic vials
Specimen Volume: 2 mL in 2 plastic vials, each containing 1 mL
Collection Instructions:
1. Specimen must be collected prior to factor replacement therapy.
2. If collecting sample through a port/line, be sure to waste the appropriate amount prior to collection.
3. For complete instructions, see Coagulation Guidelines for Specimen Handling and Processing.
4. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
5. Aliquot plasma (1 mL per aliquot) into 2 separate plastic vials leaving 0.25 mL in the bottom of centrifuged vial.
6. Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or ideally, at or below -40 degrees C.

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:

1. Coagulation Patient Information (T675)
2. If not ordering electronically, complete, print, and send an 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®

CH8B	Chromogenic FVIII Inhibitor Titer,P	Numeric	BU	93450-5
606844	Chromogenic FVIII Inhibitor Interp	Alphanumeric		95122-8
606865	Reviewed by	Alphanumeric		18771-6
CHF8	Chromogenic FVIII, P	Numeric	%	49865-9

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

Supplemental Report:

No

Components:

Test Id	Reporting Name	CPT Units	CPT Code	Always Performed	Available Separately
CH8BI	Chromogenic FVIII Inhibitor Interp	1	85390	Yes	No
CHF8	Chromogenic FVIII, P	1	85130	Yes	Yes
CH8B	Chromogenic FVIII Inhibitor Titer,P	1	85335	Yes	No

CPT Code Information:

CHF8-85130
CH8B-85335
CH8BI-85390-26

Reference Values:

CHROMOGENIC Factor VIII Activity Assay
Adults: 55.0-200.0%
Normal, full-term newborn infants or healthy premature infants usually have normal or elevated factor VIII.*
*See Pediatric Hemostasis References section in Coagulation Guidelines for Specimen Handling and Processing.

BETHESDA TITER
< or =0.5 Bethesda Units