
Overview

Useful For

Detecting the presence and titer of a specific factor inhibitor directed against coagulation factor VIII.

This test is **not useful** for the detection of a lupus-like circulating anticoagulant inhibitor, a nonspecific circulating anticoagulant, or other inhibitors that are not specific for coagulation factors.

Testing Algorithm

If the factor VIII activity assay is normal or elevated, a computer-generated interpretive comment will be provided indicating inhibitor testing is not indicated and will not be performed.

Method Name

Only orderable as part of a profile. For more information see 8INHE / Factor VIII Inhibitor Evaluation, Plasma.

Technical Interpretation

NY State Available

Yes

Specimen

Specimen Type

Plasma Na Cit

Specimen Required

Only orderable as part of a profile. For more information see 8INHE / Factor VIII Inhibitor Evaluation, Plasma.

Reject Due To

Gross Hemolysis	Reject
Gross Lipemia	Reject
Gross Icterus	Reject

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen (preferred)	14 days	

Clinical & Interpretive

Clinical Information

Factor VIII (FVIII) inhibitors are IgG antibodies directed against coagulation FVIII that typically result in development of potentially life-threatening hemorrhage. These antibodies may develop in 1 of 4 different patient populations:

- Patients with congenital FVIII deficiency (hemophilia A) in response to therapeutic infusions of factor VIII concentrate
- Elderly nonhemophiliac patients (not previously factor VIII deficient)
- Women in postpartum period
- Patients with other autoimmune illnesses

Reference Values

Only orderable as part of a profile. For more information see 8INHE / Factor VIII Inhibitor Evaluation, Plasma.

An interpretive report will be provided.

Interpretation

An interpretive report will be provided when testing is complete.

Cautions

Occasionally, a potent lupus-like anticoagulant may cause false-positive results for a specific factor inhibitor (eg, factor VIII or IX).

Clinical Reference

- [1. Kasper CK: Treatment of factor VIII inhibitors. Prog Hemost Thromb 1989;9:57-86](#)
2. Peerschke EI, Castellone DD, Ledford-Kraemer M, et al: Laboratory assessment of FVIII inhibitor titer. Am J Clin Pathol 2009;131(4):552-558
3. Pruthi RK, Nichols WL: Autoimmune factor VIII inhibitors. Curr Opin Hematol 1999;6(5):314-322
4. Laboratory Hematology Practice. Edited by K Kottke-Marchant. Wiley Blackwell Publishing, 2012

Performance**Method Description**

If the factor VIII activity level is normal or elevated, a computer-generated interpretive comment indicating inhibitor testing was not indicated and was not performed will be provided.(Unpublished Mayo method).

PDF Report

No

Specimen Retention Time

7 days

Performing Laboratory Location

Rochester

Fees & Codes**Test Classification**

Not Applicable

CPT Code Information

85390

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
8INHT	FVIII Inhib Profile Tech Interp	69049-5

Result ID	Reporting Name	LOINC®
8INHT	FVIII Inhib Profile Tech Interp	69049-5