

## 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	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

### Day(s) Performed

Monday through Friday

### Report Available

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3 to 5 days

**Specimen Retention Time**

7 days

**Performing Laboratory Location**

Rochester

**Fees & Codes****Fees**

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

**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	Test Result Name	Result LOINC® Value
8INHT	FVIII Inhib Profile Tech Interp	69049-5