



# Test Definition: 8AINH

Factor VIII Inhibitor Profile, Professional Interpretation

## Overview

### Useful For

Interpretation for the detection of the presence and titer of a specific factor inhibitor directed against coagulation factor VIII

### Method Name

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

Medical Interpretation

### NY State Available

Yes

## Specimen

### Specimen Type

Plasma Na Cit

### 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, which typically results 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
- Older nonhemophiliac adult patients (not previously factor VIII deficient)
- Women in postpartum period
- Patients with other autoimmune illnesses

### Reference Values

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

An interpretive report will be provided.

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**Interpretation**

When no significant abnormalities are detected, a simple descriptive interpretation is provided. When abnormal results are detected, a detailed interpretation is given, including an overview of the results and of their significance, a correlation to available clinical information, and elements of differential diagnosis.

**Cautions**

No significant cautionary statements

**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. Kottke-Marchant K, ed. *Laboratory Hematology Practice*. Wiley Blackwell Publishing; 2012
5. Hoffman R, Benz Jr EJ, Silberstein LE, et al, eds. *Hematology: Basic Principles and Practice*. 7th ed. Elsevier; 2018

**Performance****Method Description**

A coagulation expert (clinician or hematopathologist) reviews the laboratory data, and an interpretive report is issued.

**PDF Report**

No

**Day(s) Performed**

Monday through Friday

**Report Available**

3 to 5 days

**Performing Laboratory Location**

Mayo Clinic Laboratories - Rochester Main Campus

**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**

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Not Applicable

**CPT Code Information**

85390-26

**LOINC® Information**

Test ID	Test Order Name	Order LOINC® Value
8AINH	FVIII Inhib Profile Prof Interp	69049-5

Result ID	Test Result Name	Result LOINC® Value
607486	Reviewed by	18771-6
607442	FVIII Inhib Profile Prof Interp	69049-5