Test Definition: 8INHT

Factor VIII Inhibitor Profile, Technical Interpretation (Non-Orderable)

Overview

Useful For

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

Technical interpretation of inhibitor to factor VIII testing

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 to coagulation factors.

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

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
-Older nonhemophiliac adult 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

When testing is complete, if factor activity results fall within clinically normal ranges, an interpretive comment will be provided noting that inhibitor testing was not indicated and, therefore, not performed. If factor activity indicates the performance of inhibitor screen testing, an interpretive comment will be provided noting the presence or absence of a factor VIII inhibitor.

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. Hoffman R, Benz Jr EJ, Silberstein LE, et al, eds. Hematology: Basic Principles and Practice. 7th ed. Elsevier; 2018
2. Kasper CK. Treatment of factor VIII inhibitors. Prog Hemost Thromb. 1989;9:57-86
3. Peerschke EI, Castellone DD, Ledford-Kraemer M, et al. Laboratory assessment of FVIII inhibitor titer. Am J Clin Pathol. 2009;131(4):552-558
4. Pruthi RK, Nichols WL. Autoimmune factor VIII inhibitors. Curr Opin Hematol. 1999;6(5):314-322
5. Kottke-Marchant. K, ed. Laboratory Hematology Practice. Wiley Blackwell Publishing; 2012

Performance

Method Description

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

PDF Report

No

Day(s) Performed

Monday through Friday

Report Available

3 to 5 days

MAYO CLINIC LABORATORIES

Test Definition: 8INHT

Factor VIII Inhibitor Profile, Technical Interpretation (Non-Orderable)

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

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