



Marshfield Labs™

A division of Marshfield Clinic

Laboratory *News*

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Factor VIII Inhibitor Panel

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A factor VIII inhibitor panel is now available at Marshfield Labs. This panel is comprised of the factor VIII assay followed by the inhibitor assay if the factor VIII level is reduced.

The inhibitor assay for factor VIII has been available at Marshfield Labs for several years. Previously, the inhibitor assay was ordered before a factor VIII level was performed. In approximately 50% of orders for factor VIII inhibitor, the factor VIII level was in the normal range. In these cases the inhibitor assay was cancelled. However, the lab had incurred costs in performing the factor VIII assay for which we could not bill.

With the inhibitor panel, a factor VIII assay will be performed initially. If the factor VIII level is reduced the inhibitor assay (Bethesda assay) will be performed to determine the strength of the inhibitor. If, however, the factor VIII level is within the normal reference range, there is no indication to test for an inhibitor and the inhibitor assay will be cancelled. Both the factor VIII assay and the factor VIII inhibitor assay may still be ordered separately. Patients that have a known factor VIII inhibitor or a known low factor VIII are appropriate candidates for the factor VIII inhibitor assay rather than the factor VIII inhibitor panel.

Inhibitors to factor VIII are seen in patients with:

- Hemophilia A
- Autoimmune disease
- Malignancies
- Drug reactions particularly reactions to penicillin
- Patients who are post partum

Please direct any questions or concerns regarding this panel or any other laboratory tests for hemostasis to:

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