

**TEST OBSOLETE**
**NOTIFICATION DATE:** December 23, 2010

**EFFECTIVE DATE:** January 26, 2011

## von Willebrand Factor Multimer Analysis, Plasma #8844

**EXPLANATION:** With the implementation of the new assay for von Willebrand factor activity (#89792) and subsequent development of a new algorithm for the diagnosis of von Willebrand disease, test #8844 von Willebrand Factor Multimer Analysis, Plasma, will no longer be available as a stand alone test. Effective January 26, 2011, von Willebrand Factor Multimer analysis will only be available as a reflex to #83099 von Willebrand Profile.

**RECOMMENDED ALTERNATIVE TEST:** #83099 von Willebrand Profile

**USEFUL FOR:** Detection of deficiency/abnormality of VWF and related deficiency of factor VIII coagulant activity. Subtyping VWD as Type 1 (most common), Type 2 variants (less common), or Type 3 (rare)).

**Profile Information:**

Unit Code	Reporting Name	Available Separately	Always Performed
9070	Coag Factor VIII Activity Assay, P	Yes	Yes
9051	von Willebrand Factor Ag, P	Yes	Yes
89792	von Willebrand Factor Activity, P	Yes	Yes
82539	Special Coagulation Interpretation	No	Yes

**Reflex Tests:**

Unit Code	Reporting Name	Available Separately	Always Performed
7289	Coag Factor VIII Assay Inhib Scrn,P	No	No
9046	Ristocetin Cofactor, P	No	No
31046	von Willebrand Factor Multimer, P	No	No
7288	Bethesda titer	No	No

**METHOD:** 9070 and 7288: Activated Partial Thromboplastin Clot-Based Assay  
 9051: Automated Latex Immunoassay (LIA)  
 89792: Latex Particle-Enhanced Immunoassay  
 7289: Clot based assay  
 9046: Ristocetin Induced Aggregation of Washed Normal Platelets  
 31046: Agarose Gel Electrophoresis/Infrared Dye-Labeled Antibody

**REFERENCE VALUES:** Coag Factor VIII Activity Assay 55-200%  
 von Willebrand Factor Antigen 55-200%  
 von Willebrand Factor Activity 55-200%  
 Coag Factor VIII Inhibitor Screen Negative  
 Ristocetin Cofactor 55-200%  
 von Willebrand Factor Multimer Descriptive Report

**SPECIMEN REQUIREMENTS:** Draw blood in a light blue-top (citrate) tube(s). Spin down, remove plasma, spin plasma again, and place 2 mL of platelet- poor plasma into 2 plastic, screw-capped vials each containing 1 mL. (Glass vial is not acceptable.)

**LIST FEE: LIST FEE:** \$779.20

The following test(s) may be added per the testing algorithm:

\$258.50 for #7289 “Coag Factor VIII Assay Inhibitor Screen, P”

\$192.20 for #9046 “Ristocetin Cofactor, P”

\$262.30 for #31046 “von Willebrand Factor Multimer, P”

\$123.70 for #7288 “Bethesda titer”

**CPT CODES:** 85240 - Coag Factor VIII activity  
85246 - von Willebrand Factor Ag  
85247 – von Willebrand Factor activity  
80500 - Coagulation interpretation  
85335 – Coag Factor VIII inhibitor (if appropriate)  
85245 - Ristocetin Cofactor (if appropriate)  
85247- von Willebrand factor multimer (if appropriate)  
85335 – Bethesda titer (if appropriate)

**ANALYTIC TIME:** Varies

**DAY(S) SET-UP:** Monday through Friday

**QUESTIONS:** Contact your Mayo Medical Laboratories’ Regional Manager  
Kim J. Baker, Mayo Medical Laboratories’ Technologist Support  
Telephone: 800-533-1710