von Willebrand Disease Profile

APTT 30.0 sec 01
This test has not been validated for monitoring unfractionated heparin therapy. aPTT-based therapeutic ranges for unfractionated heparin therapy have not been established. Consider ordering Heparin anti-Xa (unfractionated).
Reference Range:
0 - 3 days: Not established
4 days - 6 months: 23.1 - 32.5
7 months - 17 years: 23.1 - 30.1
18 years and older: 22.9 - 30.2

Factor VIII Activity 100 % 01
Reference Range:
57 - 163

von Willebrand Factor Activity 100 % 01
Reference Range:
50 - 200

von Willebrand Factor Antigen 100 % 01
Reference Range:
50 - 200
This test was developed and its performance characteristics determined by LabCorp. It has not been cleared or approved by the Food and Drug Administration.

vWF Collagen Binding Act. ** 100 % 01
Reference Range:
50 - 150
**Results of this test are for research purposes only per the assay manufacturer. The performance characteristics of this assay have not been established. The result should not be used as a diagnostic procedure without confirmation of the diagnosis by another medically established diagnostic product or procedure.
**vWF Collagen Binding**

Reference Range:
- 0.6 - 5.0

**TESTS** | **RESULT** | **FLAG** | **UNITS** | **REFERENCE INTERVAL** | **LAB**
---|---|---|---|---|---
VWF Collagen Binding | 1.0 | | ratio | 01 | 01

01  | UY  | Esoterix Coagulation Lab  | Dir: Dorothy Adcock, MD  
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For inquiries, the physician may contact Branch: 800-222-7566  Lab: 800-282-7300
von Willebrand Disease Profile

APTT

48.0  High  sec  01

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Reference Range:
0 − 3 days: Not established
4 days − 6 months: 23.1 − 32.5
7 months − 17 years: 23.1 − 30.1
18 years and older: 22.9 − 30.2

Factor VIII Activity

35  Low  %  01

FVIII activity is decreased in individuals with hemophilia A, in carriers of hemophilia A or in those with VWD. Levels will also be decreased with acquired hemophilia or acquired von Willebrand Syndrome. A spurious decrease in FVIII activity may occur in the presence of a lupus anticoagulant, heparin, or direct thrombin or Xa inhibitor anticoagulant therapy. FVIII is a labile factor and levels may decrease if a sample is left at room temperature for prolonged periods of time. FVIII can also be found in cryoprecipitate and if a whole blood sample is maintained on ice or refrigerated prior to processing, FVIII may decrease falsely.

Reference Range:
57 − 163

von Willebrand Factor Activity

35  Low  %  01

The VWF:RCo assay demonstrates significant variability and slightly low values are commonly seen due to preanalytical and analytical variables. VWF:RCo may be spuriously low in individuals with certain polymorphisms in the VWF gene (e.g. Asp1472His) that alter the binding of ristocetin to VWF. These polymorphisms have been reported in 17% of whites and
63% of African Americans without a history of a bleeding disorder (Blood. 2010; 116(2):280−286).
Reference Range:
50 − 200

von Willebrand Factor Antigen

35 Low % 01

VWF levels vary with ABO blood group with the lowest levels occurring in patients with type O. The lower limit of the reference interval in persons with type O is approximately 40%.
Reference Range:
50 − 200
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vWF Collagen Binding Act. **

14 Low % 01

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vWF Collagen Binding

0.4 Low ratio 01

Type II vWD patients will yield CBA ratios of less than 0.5. Additional testing such as von Willebrand factor multimeric analysis should be performed for confirmation.
Reference Range:
0.6 − 5.0