
Reporting Title: von Willebrand Disease Prof**Performing Location:** Rochester**Ordering Guidance:**

Multiple coagulation profile tests are available. See Coagulation Profile Comparison for testing that is performed with each profile.

Shipping Instructions:

Send all 3 aliquots in the same shipping container.

Necessary Information:

1. If priority specimen, mark request form, give reason, and request a call-back.
2. Note if patient is currently receiving anticoagulant treatment (eg, heparin, Coumadin [warfarin]).

Specimen Requirements:

Specimen Type: Platelet-poor plasma

Patient Preparation:

1. Patient should not be receiving anticoagulant treatment (eg, warfarin, heparin). Treatment with heparin causes false-positive results of in vitro coagulation testing for lupus anticoagulant. Coumadin (warfarin) treatment may impair ability to detect the more subtle varieties of lupus-like anticoagulants.
2. Patient should also not be receiving fibrinolytic agents (streptokinase, urokinase, tissue plasminogen activator[tPA]).
3. It is best to perform this study pretransfusion if possible. If patient has been recently transfused, wait at least 48 hours after transfusion to collect the specimen.

Collection Container/Tube: Light-blue top (3.2% sodium citrate)

Submission Container/Tube: Plastic vials

Specimen Volume: 3 mL in 3 plastic vials, each containing 1 mL

Collection Instructions:

1. Specimen must be collected prior to factor replacement therapy.
2. For complete instructions, see Coagulation Guidelines for Specimen Handling and Processing.
3. Centrifuge, transfer all plasma into a plastic vial, and centrifuge plasma again.
4. Aliquot plasma (1-2 mL per aliquot) into 3 separate plastic vials, leaving 0.25 mL in the bottom of centrifuged vial.
5. Freeze plasma immediately (no longer than 4 hours after collection) at -20 degrees C or, ideally, -40 degrees C or below.

Additional Information:

1. Double-centrifuged specimen is critical for accurate results as platelet contamination may cause spurious results.
2. Each coagulation assay requested should have its own vial.

Specimen Minimum Volume:

2 Plastic vials, each containing 1 mL

Forms:

1. Coagulation Patient Information (T675)
2. If not ordering electronically, complete, print, and send a Coagulation Test Request (T753) with the specimen.

Specimen Type	Temperature	Time	Special Container
Plasma Na Cit	Frozen	14 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
AVWPI	von Willebrand Disease Tech Interp	Alphanumeric		48595-3
F8A	Coag Factor VIII Activity Assay, P Also used by tests: F8A	Numeric	%	3209-4
VWAG	von Willebrand Factor Ag, P Also used by tests: VWAG	Numeric	%	27816-8
VWACT	von Willebrand Factor Activity, P Also used by tests: VWACT	Numeric	%	68324-3

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

Components:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
AVWPI	von Willebrand Disease Tech Interp			Yes	No
F8A	Coag Factor VIII Activity Assay, P			Yes	Yes
VWAG	von Willebrand Factor Ag, P			Yes	Yes
VWACT	von Willebrand Factor Activity, P			Yes	Yes

CPT Code Information:

85240-Coagulation factor VIII assay
85246-von Willebrand factor antigen
85397-von Willebrand factor activity
85245-von Willebrand factor ristocetin cofactor activity (if appropriate)

85247-von Willebrand factor multimer (if appropriate)
85335-Bethesda titer (if appropriate)
85335-Coagulation factor VIII inhibitor screen (if appropriate)
85390-26-Special coagulation interpretation (if appropriate)

Reflex Tests:

Test ID	Reporting Name	CPT Units	CPT Code	Always Performed	Orderable Separately
F8IS	Coag Factor VIII Assay Inhib Scrn,P			No	No
AVWPQ	von Willebrand Disease Interp			No	No
VWFMP	von Willebrand Factor Multimer, P			No	Yes (order VWFMS)
RIST	Ristocetin Cofactor, P			No	No
8BETH	FVIII Bethesda Units, P			No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
RIST	9046	Ristocetin Cofactor, P	Numeric	%	6014-5
F8IS	7289	Coag Factor VIII Assay Inhib Scrn,P	Alphanumeric		3206-0
AVWPQ	603179	Reviewed by	Alphanumeric		18771-6
AVWPQ	603186	von Willebrand Disease Interp	Alphanumeric		48595-3
VWFMP	604411	von Willebrand Factor Multimer, P	Alphanumeric		32217-2
VWFMP	604412	VWF Multimer Interpretation	Alphanumeric		48595-3
8BETH	607431	FVIII Bethesda Units, P	Numeric	BU	3204-5

Reference Values:

An interpretive report will be provided.