MAYO CLINIC LABORATORIES

Test Definition: AVWPR

von Willebrand Disease Profile, Plasma

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.

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®
F8A	Coag Factor VIII Activity Assay, P	Numeric	%	3209-4
VWAG	von Willebrand Factor Ag, P	Numeric	%	27816-8
AVWPI	von Willebrand Disease Tech Interp	Alphanumeric		48595-3
VWACT	von Willebrand Factor Activity, P	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	Available Separately
AVWPI	von Willebrand Disease Tech Interp	1	85390	Yes	No
F8A	Coag Factor VIII Activity Assay, P	1	85240	Yes	Yes
VWAG	von Willebrand Factor Ag, P	1	85246	Yes	Yes
VWACT	von Willebrand Factor Activity, P	1	85397	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	Available Separately
F8IS	Coag Factor VIII Assay Inhib Scrn,P	1	85335	No	No
AVWPQ	von Willebrand Disease Interp	1	85390	No	No
VWFMP	von Willebrand Factor Multimer, P	1	85247	No	Yes, (order VWFMS)
RIST	Ristocetin Cofactor, P	1	85245	No	No
8BETH	FVIII Bethesda Units, P	1	85335	No	No

Result Codes for Reflex Tests:

Test ID	Result ID	Reporting Name	Type	Unit	LOINC®
F8IS	7289	Coag Factor VIII Assay Inhib Scrn,P	Alphanumeric		3206-0

RIST	9046	Ristocetin Cofactor, P	Numeric	%	6014-5
VWFMP	604411	von Willebrand Factor Multimer, P	Alphanumeric		32217-2
VWFMP	604412	VWF Multimer Interpretation	Alphanumeric		48595-3
AVWPQ	603179	Reviewed by	Alphanumeric		18771-6
AVWPQ	603186	von Willebrand Disease Interp	Alphanumeric		48595-3
8BETH	607431	FVIII Bethesda Units, P	Numeric	BU	3204-5

Reference Values:

An interpretive report will be provided.