

## Von Willebrand Factor Cleaving Protease Activity (ADAMTS-13)

Order Name: **VON W PRT**  
Test Number: 1509250  
Revision Date: 12/12/2022

TEST NAME	METHODOLOGY	LOINC CODE
Von Willebrand Factor Cleaving Protease Activity (ADAMTS-13)	Immunoassay (IA)	53622-7

### SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1mL (0.5)	Plasma	Sodium Citrate 3.2% (Blue Top)	Frozen

**Instructions**

**Notes:** 0.3 mL (Note: This volume Does not allow for repeat testing)  
**Specimen Type:** Blue-top (sodium citrate) tube  
**Specimen Storage:** **FREEZE**  
**Specimen Collection:** Blood should be collected in a blue-top tube containing 3.2% buffered sodium citrate.[1] Evacuated collection tubes must be filled to completion to ensure a proper blood to anticoagulant ratio.[2,3] The sample should be mixed immediately by gentle inversion at least six times to ensure adequate mixing of the anticoagulant with the blood. A discard tube is not required prior to collection of coagulation samples.[4,5] When noncitrate tubes are collected for other tests, collect sterile and nonadditive (red-top) tubes prior to citrate (blue-top) tubes. Any tube containing an alternate anticoagulant should be collected after the blue- top tube. Serum gel-barrier tubes and serum tubes with clot initiators should also be collected after the citrate tubes. Centrifuge and carefully remove the plasma using a plastic transfer pipette, being careful not to disturb the cells. Transfer the plasma into a LabCorp PP transpak frozen purple tube with screw cap (LabCorp ID 49482). **The specimen should be Frozen Immediately and maintained frozen until tested.** To avoid delays in turnaround time when requesting multiple tests on frozen samples, PLEASE SUBMIT SEPARATE FROZEN SPECIMENS FOR EACH TEST REQUESTED.  
**Specimen Stability:** Ambient: Not Available, Refrigerated : Not Available, Frozen: Not Available

### GENERAL INFORMATION

Expected TAT	2-4 Days
Clinical Use	For the diagnosis of thrombotic thrombocytopenic purpura (TTP).
Performing Labcorp Test Code	117913
Notes	In LabCorp's liquid chromatography-tandem mass spectrometry (LC-MS/MS) assay, ADAMTS13 activity is determined by measuring the cleavage of a synthetic polypeptide substrate (referred to as vWF73) added to plasma samples.[24] The amino acid sequence of vWF. Labcorp Test Code: 117913
CPT Code(s)	85397
Lab Section	Reference Lab