

TITLE: ADAMTS-13

Principle: To correctly process specimens, complete requisition, package and prepare specimen for courier for testing at Coagulation Consultants and properly process results when received.

Personnel: Phlebotomists and Medical Technologists

Referred Laboratory: Coagulation Consultants


Specimen Requirements: 3ml plasma from NaCitrated (blue top) tubes split into two aliquots, FROZEN

LIS Order Code: ADAM

Stepwise Procedure:

Specimen Processing:

1. Receive 2 blue citrated coagulation tubes into the laboratory information system (LIS) using the send outs computer and print two extra labels, one for the reference lab testing log and one to attach to requisition.
2. Prepare platelet-poor plasma following procedure 4840-SendOuts-174 "Preparing Platelet-poor Plasma for Referred Coagulation Testing".
3. Pipette the platelet-poor citrated plasma into 2 labeled aliquot transport tubes.
4. Fill out Coagulation Consultants requisition (Form can be found on desktop of computer in send outs. It can be printed and filled out manually or filled-out in Adobe and then printed.)
 - a. Complete the patient and specimen information section – All blue areas need to be completed:
 - i. Obtain patient diagnosis and current medications from the electronic medical record (EMR).

 **COAGULATION CONSULTANTS LABORATORY PH#: (847) 954-1134**
1640 N. Elk Blvd. Des Plaines, IL 60016 Pager#: (800) 714-4776 Fax (847) 954-1136 www.coagulationconsultants.com

Patient Name: M F Date of Birth: Physician:

Draw Today

Date @ Time: Hospital: PT ID / MRN#:

PT Location: Diagnosis: Lab ID: Medications: Aspirin- NSAID- Heparin-
Coumadin- Clopidogrel-

- b. Under the “von Willebrand Analysis” section, select “ADAMTS-13 Activity”. Write the letter “R” in the right-sided boxes next to “ADAMTS-13 Inhibitor” and “ADAMTS-13 Antibody Inhibitor”.

von WILLEBRAND ANALYSIS			
	Factor VIII(8) Activity	50-150%	85240
	vWF Activity (Ristocetin Cofactor) [RiCo]	Abnormal < 40%	85245
	vWF: Ag (Factor VIII Related Antigen) [RAg]	50-150%	85246
	vWF Multimer Analysis [Mult]	Normal	85247
	ADAMTS-13 Activity	Normal	85397
	vWF Cleaving Protease Activity for TTP		
	r ADAMTS-13 Inhibitor	Normal < 0.4 Inhibitor units	85335
	vWF Cleaving Protease Inhibitor		
	r ADAMTS-13 Antibody Inhibitor	Normal < 18 Arbitrary units	83520

- Print 2 copies of the completed requisition (if completing in Adobe) or make a copy of the completed requisition. (Example of a completed requisition is attached in procedure manual.)
- Package the specimens in a biohazard bag with 1 completed Coagulation Consultants Requisition and place the specimens in the sendouts FREEZER.
- Place one LIS label on the Reference Lab Testing Log and include the name of test and Coag. Consultants as referred lab.
- Place the 2nd completed requisition (or copy) in the wooden Miscellaneous Laboratory Tests file box with LIS label attached. File the requisition under the first letter of the patient’s last name.
- Call Coagulation Consultants for courier pick up at 847-954-1134 or page at 800-714-4776.

Result Processing:

Preliminary results:

- Place preliminary results with the order requisition in the Miscellaneous Laboratory Tests file box to be held until Final results are received.

Final Results:



1. When Final Results are received, remove the order requisition from the wooden Miscellaneous Laboratory Tests file box.
2. Place the LIS label that is attached to the copy of the requisition on the results and place the results in the "To Be Scanned" basket in the LCC area for phlebotomy staff to scan into the LIS.
3. Discard order requisition in appropriate PHI receptacle.