

# ADAMTS -13 ACTIVITY

## Orderable - ADAMTS<sub>13</sub>A

Turnaround Time: 24 hours

### Specimen:

2.7 mL Blue (3.2% Sodium Citrate) top Vacutainer tube

### Collection Information:

**All samples should be collected prior to plasmapheresis.**

This test must be authorized by Dr. Susan Huang or a Hematologist with the exception of referred-in tests.

### Reference Ranges:

41-130%

### Interpretive Comments:

Depending on test result, an ADAMTS-13 Inhibitor test will be done.

### Special Processing:

Blue (Sodium Citrate) top tube should be centrifuged within 4 hours of collection.

The blood specimen must be double centrifuged to prepare platelet free plasma.

Centrifuge the primary tube or tubes for 10 minutes at 3000 rpm, aliquot and re-spin for an additional 10 minutes at 3000 rpm at room temperature (18 to 20 degrees Celsius). Ensure the temperature does not exceed 20 degrees Celsius.

The double-centrifuged plasma is aliquoted into 4 plastic tubes labelled with the appropriate Cerner generated aliquot label and frozen immediately at -20 degrees Celsius or below.

### **SRA Processing**



**Laboratory:**

Hemostasis and  
Thrombosis Laboratory



**Requisition:**

GENERAL LABORATORY  
REQUISITION



**Method of Analysis:**

ELISA



**Test Schedule:**

Monday-Friday  
0800-1600



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## UH/SJH All shifts:

Process the samples as per the procedure above. Place samples/aliquot labels with transfer list in the SPEC COAG Bin in the -20C freezer. All samples to be sent to VH SRA the following morning. Upon arrival VH SRA will place the samples in the -20 bin. The HAT staff will pick up the samples.

## VH 0700-1500 shift:

Place the samples/aliquot labels in the pneumatic tube and send to the 10th floor HAT Lab at VH. (No transfer list is required). Call HAT Lab at ext. 52526 to let them know a sample is coming.

## VH after 1500:

Process the samples as per the procedure above. Place samples/aliquot labels in the SPEC COAG Bin in the -20C freezer. All samples will be picked up the following morning by the HAT staff.

## VH Referred-In samples:

When a sample is received from an outside healthcare institution, please order SPCOAGRI, put a small accession label on the requisition, then place the frozen samples and labels in the SPEC COAG Bin in the -20 freezer. Please send the requisition with the accession number on it, to the 10th floor. These samples will be held until the next morning and picked up by the HAT Lab staff. If the HAT Lab staff require a sample earlier than the next morning, they will come down and get it. Call the HAT Lab at ext. 52526 to let them know the requisition is arriving.

## Storage and Shipment:

Plasma aliquots are stored at -20° Celsius or below and transported on dry ice to arrive frozen.

Send samples to:  
LHSC-Victoria Hospital  
800 Commissioners Road East  
Room B10-236  
P.O Box 5010  
London, ON  
N6A 5W9  
Tel: 519-685-8500 x 52526

Once received by the Sample Receiving Department at Victoria Hospital, samples are to be stored at -70° Celsius within 15 minutes.