

TITLE: Anti-Xa – Various Medications

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

Personnel: Phlebotomists and Medical Technologists

Referred Laboratory: Coagulation Consultants

Specimen Requirements: 2ml plasma from NaCitrated (blue) tubes, split into two aliquots, FROZEN

Additional Information: Must also select the medication the patient is taking:
Fondaparinux (Arixtra)
Apixaban (Eliquis)
Dalteparin (Fragmin)
Enoxaparin (Lovenox, Xaparin)
Rivaroxaban (Xarelto)

LIS Order Code: XAACT

Stepwise Procedure:

Specimen Processing:

1. Receive 2 blue citrated coagulation tubes into the laboratory information system (LIS) and print two extra labels, one for the reference lab testing log and one to attach to requisition.
2. Prepare platelet-poor citrated plasma using 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 “Heparin and Heparin Antibodies” section, select “Anti-Xa”
 - i. You must also select the medication the patient is taking.

HEPARIN and HEPARIN ANTIBODIES			
	Heparin / PF4 / Platelet Antibody(HIT)-ELISA IgG	Negative	86022
	Heparin Induced - Platelet Aggregation [HIPA]	Negative	85576
Anti Xa	<input type="checkbox"/> Lovenox	<input type="checkbox"/> Fragmin	<input type="checkbox"/> Rivaroxaban
	<input type="checkbox"/> UFH/HMW	<input type="checkbox"/> Arixtra	<input type="checkbox"/> Apixaban
			85520

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

Result Processing:

Preliminary results:

1. 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 order requisition from Miscellaneous Laboratory Tests file box.
2. Place LIS label on results and place results in "To Be Scanned" basket in LCC area for phlebotomy staff to scan into LIS.
3. Discard order requisition in appropriate PHI receptacle.