Anti-Xa

Test	Reagent	Preparation	Stability	Drugs	Action
LMWH	**Liquid Anti-Xa Chromogenic Substrate**	Invert to mix before use ***INITIAL/DATE PREP***	**30 DAYS 2°- 8°** ***Keep in fridge when not in use** 7 DAYS O.B.	enoxaparin (Lovenox) dalteparin (Fragmin)	Run LMWH: Analyzer test = "Anti-Xa", choose **LMWH** QC
	Liquid Anti-Xa Factor Xa Reagent	Invert to mix before use ***INITIAL/DATE PREP***			
	Clean B dil.	2mL Cleaning Agent (Clean B) & 14mL dH$_2$O in 20mL vial	*Daily Maintenance	If patient is on: fondaparinux (Arixtra)	Test will be frozen and run next M, W, F - Day shift
QC	**LMWH Low LMWH High**	Pipette 1mL dH2O, invert & swirl. Let sit 30 mins, invert & swirl, ***INITIAL/DATE PREP***	**48 HOURS 2°- 8°** ***Keep in fridge when not in use** 24 HOURS O.B.		

Test	Reagent	Preparation	Stability	Drugs	Action
UNFH	**Same Reagent as LMWH, Liquid Anti-Xa Kit**			heparin (drip, subQ)	Run UNFH: Analyzer test = "Anti-Xa", choose **UNFH** QC
QC	**UNFH Low UNFH High**	Pipette 1mL dH2O, invert & swirl. Let sit 30 mins, invert & swirl, ***INITIAL/DATE PREP***	**48 HOURS 2°- 8°** ***Keep in fridge when not in use** 24 HOURS O.B.		
				api**xa**ban (Eliquis) edo**xa**ban (Lixiana) rivaro**xa**ban (Xarelto)	".ND" Anti-Xa with **external** comment: "No Anti-Xa testing is *currently* available for this medication."
				betri**xa**ban dare**xa**ban otami**xa**ban hirudin bivalirudin (Angiomax, Angiox) lepirudin (Refludan) desirudin (Revasc, Iprivask) argatroban (Acova) melagatran (Ximelagatran, Exanta, Exarta) dabigatran (Pradaxa)	".ND" Anti-Xa with **external** comment: "No Anti-Xa testing is available for this medication."

Procedure:

1) Use E-record to confirm which heparin patient is currently on
2) As needed, change test ordered to correct test, log SPROB if changing test or .ND
3) Liquid Anti-Xa reagents & QC that are in use are found in the "specials tray" #7 SR800, in the respective boxes in SR800, or in the walk-in bins
4) Determine which test to run and choose the corresponding Low & High QC. Use reconstituted QC vials found in the tray if available. If not, reconstitute according to chart
5) Load reagents in correct racks on STOP2 or STOP3
6) Manually order QC: QC→Results List or Test Status List→Double click on any test name→Click the icon to clear any current selections. Choose appropriate _L and _H QC corresponding to LMWH or UNFH tests and click on
7) Enter QC data into Soft QC:
   •LMWH QC will cross to the Instrument Menu for that analyzer.
   Click the Upload QC icon and properly handle any failures.

   •*UNFH QC will **not** cross to SoftQC from the interface.*
   It must be entered manually:
   SoftQC→"N"→'e**N**ter by Tray Tube' screen→Instr: STOP2 or STOP3, Tray Tube: UNFH H_"XX" or UNFH L_"YY" or [F2], [Enter] to select correct QC_Lot, [F12] to accept→enter result and save. It does not need to be printed.

Result Reporting:

	If a result holds on the STOP Interface:
Result	**Action**
"Failed"	Check sample integrity, repeat & follow lab protocol
Remember, any "**HE**" or "**SE**" errors are **unacceptable**	

Anti-Thrombin III

Test	Reagent	Preparation	Stability
AT3 "AT LIQ"	**Liquid Antithrombin Chromogenic Substrate**	Invert to mix before use ***INITIAL/DATE PREP***	**30 DAYS 2°- 8°** ***Keep in fridge when not in use** 7 DAYS O.B.
	Liquid Antithrombin Factor Xa Reagent	Invert to mix before use ***INITIAL/DATE PREP***	
QC	**SP TST2**	Pipette 1mL dH2O, invert & swirl. Let sit 30 mins, invert & swirl. ***INITIAL/DATE & *TIME* PREP***	**8 HOURS O.B.**
	NRM ASY		24 **HOURS** O.B.