

TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Activated Partial Thromboplastin Time (APTT)	1 sodium citrate (3.2%) plastic tube	Spin specimen at 7,200 or 8,500 rpm for 3 minutes to obtain platelet count <200,000.	Specimen must be received in the laboratory and processed within 4 hours of collection.*	Testing performed 7 days a week, 24 hours a day.	STAT results available 1 hour after receipt. Routine results available 4 hours after receipt.
Activated Protein C Resistance (APCR)	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must be received in the laboratory and processed within 4 hours of collection.*	Testing performed by LabCorp.	Results available within 7 days or less.
Anti-Xa Test	See Heparin Testing Below				

*Specimens that are sent as frozen platelet poor plasma may be received outside the published time limit.

¹Use Polypropylene 5 mL tubes with caps for freezing the samples to be run in-house. Use purple screw top tubes provided by LabCorp for send out testing.

TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Antithrombin (AT III)	1 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma (<10,000). Aliquot plasma into correct tube type. ¹	Specimen must be received in the laboratory and processed within 8 hours of collection.*	Testing performed daily.	Results available 2 to 24 hours after receipt.
D-Dimer, Quantitative	1 sodium citrate (3.2%) plastic tube	Spin specimen at 7,200 rpm or 8,500 rpm for 3 minutes to obtain platelet count <10,000.	Specimen must be received in the laboratory and processed within 8 hours of collection.*	Testing is performed 7 days a week, 24 hours a day.	STAT results available 1 hour after receipt. Routine results available 4 hours after receipt.
Factor II (2) Assay	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq$ 10,000). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must be received in the laboratory and processed within 4 hours of collection.*	Testing performed by LabCorp.	Results available within 7 days or less.

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TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Factor V (5) Assay²	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must be received in the laboratory and processed within 4 hours of collection.*	Testing performed by LabCorp.	Results available within 7 days or less.
Factor VII (7) Assay					
Factor VIII (8) Assay²					
Factor IX (9) Assay²					
Factor X (10) Assay² (This is not an Anti-10a test)					

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²Factors V (5), VIII (8), IX (9), and X (10) can be run emergent in-house with Pathologist approval.

TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Factor XI (11) Assay	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must be received in the laboratory and processed within 4 hours of collection.*	Testing performed by LabCorp.	Results available within 7 days or less.
Factor XII (12) Assay					
Factor Inhibitor Screen					
Factor Inhibitor Titer	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must be received in the laboratory and processed within 4 hours of collection.*	Testing performed by LabCorp.	Results available within 7 days or less.

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TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Fibrinogen	1 sodium citrate (3.2%) plastic tube	Spin specimen at 7200 rpm or 8,500 rpm for 3 minutes to obtain platelet count <200,000.	Specimen must be received in the laboratory and processed within 8 hours of collection. *	Testing performed 7 days a week, 24 hours a day.	STAT results available 1 hour after receipt. Routine results available 4 hours after receipt.
Low Molecular Weight Heparin Assay (The heparin test method is Anti-Xa , test is ordered as heparin LMWH also see Unfractionated heparin)	1 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must arrive in the laboratory and processed within 4 hours of collection. *	Testing performed daily.	Results available 2 to 24 hours after receipt.

Mixing Study	3 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must arrive in the laboratory and processed within 4 hours of collection. *	Testing performed by LabCorp.	Results available within 7 days or less.
Unfractionated Heparin <i>Heparin Assay</i> (The heparin test method is Anti-Xa , test is ordered as Unfractionated heparin also see LMWH)	1 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must arrive in the laboratory and be processed within 1 hours of collection.*	Testing performed daily.	Results available 2 to 24 hours after receipt.

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TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Plasminogen	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	Specimen must arrive in the laboratory and processed within 4 hours of collection. *	Testing performed by LabCorp.	Results available within 7 days or less.

Platelet Aggregation	6 (2.7mL) sodium citrate (3.2%) plastic tubes	Specimen must be hand delivered. Do not send through the pneumatic tube system, spin, or refrigerate.	Specimen must arrive in the lab within 2 hours of collection.	Testing must be scheduled. Testing available Tuesday 8:00am and 11:00am Testing days/times subject to change without notice.	Results available within 7 days or less. *Results are verified by Pathologist, TATs may vary.*
Platelet Function Assay	3 (2.7mL) sodium citrate (3.2%) plastic tubes	Specimen must be hand delivered. Do not send through the pneumatic tube system, spin, or refrigerate.	Specimen must arrive in the lab within 2 hours of collection.	Testing must be scheduled. Testing available Tuesday 8:00am and 11:00am Testing days/times subject to change without notice.	Results available within 7 days or less.

**** Test day availability subject to change. Call 628-5738 Monday - Friday 8:00 to 3:30 pm.**

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TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Protein C Activity	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes	Specimen must arrive in the laboratory and	Testing performed by LabCorp.	Results available within 7 days or less.

Protein S Activity	Patient must not be taking Warfarin	to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze. ¹	processed within 4 hours of collection.*		
Prothrombin Time (PT)	1 sodium citrate (3.2%) plastic tube	Spin specimen at 7200 rpm or 8,500 rpm for 3 minutes to obtain platelet count $< 200,000$.	Specimen must arrive in the laboratory and processed within 4 hours of collection.* *If a specimen has remained capped at room temperature it is acceptable up to 24 hours after collection.*	Testing performed 7 days a week, 24 hours a day.	STAT results available 1 hour after receipt. Routine results available 4 hours after receipt.

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TEST	SPECIMEN REQUIREMENTS	SPECIMEN PREPARATION	TIME LIMIT	TEST SCHEDULE	RESULT AVAILABILITY
Thrombin Time	2 sodium citrate (3.2%) plastic tube	Double spin specimen at 3,000 rpm for 15 minutes to obtain platelet poor plasma ($\leq 10,000$). Aliquot plasma into correct tube type. Freeze in the LabCorp freezer. ¹	Specimen must arrive in the laboratory and processed within 4 hours of collection. *	Testing performed by LabCorp.	Results available within 7 days or less.
Reptilase Time					
Von Willebrand Factor Antigen					

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