

**Rancho Los Amigos
Hematology Specimen Collection Guide**

Do Not collect any Coagulation specimens at Mobile site. Send Patient to facility for testing

Test	Specimen Container	Minimum Volume	Specimen Stability	Transport
Anti-Xa UFH/LMWH	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge (refrigerated/cold) Plasma separated up to 2 hours RT	
APTT	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated Plasma up to 4 hrs RT (if on heparin therapy only up to 2 hrs)	
ATIII (antithrombin III)	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 8 hrs RT; up to 1 month (-20° C)	
CBC	K ₂ EDTA	1 mL in a 4 mL EDTA tube 0.5 mL in a 3 mL EDTA tube 0.5 mL in 2 mL EDTA tube	24 hrs RT 48 hrs 2-8° C	RT
CBCD	K ₂ EDTA	1 mL in a 4 mL EDTA tube 0.5 mL in a 3 mL EDTA tube 0.5 mL in 2 mL EDTA tube	24 hrs RT 48 hrs 2-8° C	RT
D-Dimer	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuged and separated Plasma up to 8 hours RT 1 month -20° C	
Factor IX	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT, If quickly frozen up to 15 days (-20° C) or 1 month (-80° C)	
Factor V	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT, 8 hrs ref. If quickly frozen up to 15 days (-20° C) or 1 month (-80° C)	
Factor VII	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT, If quickly frozen up to 15 days (-20° C) or 1 month (-80° C)	
Factor VIII	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT, If quickly frozen up to 15 days (-20° C) or 1 month (-80° C)	

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Factor X	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT, 6 hrs ref. If quickly frozen up to 15 days (-20° C) or 1 month (-80° C)	
Factor XIII	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT; up to 2 weeks (-20° C) or 6 months (-70° C) aliquot in small portions Remarks: Freeze Thaw cycle = 1, Stable up to 2 hrs Ref	
Fibrinogen	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuged and separated plasma up to 8 hours RT	
Hemoglobin/Hematocrit	K ₂ EDTA	1 mL in a 4 mL EDTA tube 0.5 mL in a 3 mL EDTA tube 0.5 mL in 2 mL EDTA tube	24 hrs RT 48 hrs 2-8° C	RT
Lupus Anticoagulant Evaluation	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT; up to 1 month (-20° C)	
Platelet Count	K ₂ EDTA	1 mL in a 4 mL EDTA tube 0.5 mL in a 3 mL EDTA tube 0.5 mL in 2 mL EDTA tube	24 hrs RT 48 hrs 2-8° C	RT
Platelet Count (Blue Top) Do not collect unless requested by Laboratory staff	2.7 Na Citrate	Tube should be at least 90% full (citrate microtainer tubes are not used)	24 hrs RT 48 hrs 2-8° C	RT
Protein C or S	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 4 hrs RT; up to 1 month (-20° C)	
PT (Prothrombin Time)	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuged specimens room temperature (18 to 24° C) and tested no longer than 24 hours from time of specimen collection.	
Reticulocyte Count	K ₂ EDTA	1 mL in a 4 mL EDTA tube 0.5 mL in a 3 mL EDTA tube 0.5 mL in 2 mL EDTA tube	24 hrs RT 48 hrs 2-8° C	RT

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Sickle Cell Screen	EDTA	0.5 mL	24 hrs RT 2 weeks 2-8° C	RT
Thrombin	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated Plasma up to 8 hrs RT (if on heparin therapy only up to 2 hrs)	
VWF	3.2 % Buffered Sodium Citrate	90% full (2.7 mL, 1.8 mL, 1.3 mL)	Centrifuge and separated plasma up to 8 hrs RT; up to 24 hrs Ref; and up to 1 month (-20° C)	