



Thrombin Clotting Time

Alternate Name:	None	
Performing Lab:	New Hanover	
Specimen Container:	Blue stopper tube (sodium citrate)	
Minimum Volume Required:	5 mL tube - minimum is 4.5 mL WB 3 mL tube – minimum is 2.7 mL WB 2 mL tube – minimum is 1.8 mL WB	
Testing Availability	Routine:	24 hours/day
	Stat:	No
Turnaround Time:	Routine: 4 hours	
Special Handling:	None	
Patient Preparation:	None	
Specimen Stability:		
Reference Range:	13.3 – 15.7 seconds	
Critical Value:	None	
CPT Code:	85670	
Testing Methodology:	Clotting	
Causes for Specimen Rejection:	Improper labeling Clotted specimen Hemolysis Specimen diluted with IV fluid or contaminated with heparin Specimens that are too old Tubes must be filled to top of blue line on label	
Other Comments:		
Clinical Significance:	Thrombin time will be extended when functional fibrinogen levels are <100 mg/dl. ^{6,7} This can occur due to congenital conditions including afibrinogenemia (complete lack of fibrinogen), hypofibrinogenemia, and in dysfibrinogenemia, a condition characterized by the presence of dysfunctional fibrinogen.	

