New Hanover Regional Medical Center

Fibrinogen

Acceptable Tube Type

Alternate Name:		None
Performing Lab:		New Hanover
Specimen Container:		Blue stopper tube (sodium citrate 3.2%)
Minimum Volume Required:		Tube must be filled completely
Testing Availability	**Routine:** **Stat:**	24 hours/day Yes
Turnaround Time:		Routine: 4 hours Stat: < 1 hour
Special Handling:		None
Patient Preparation:		None
Specimen Stability:		
Reference Range:		160 – 440 mg/dL
Critical Value:		< 100 mg/dL
Testing Methodology:		Photo Optical Clotting
Causes for Specimen Rejection:		Improper labeling Clotted specimen Specimens that are too old Improperly filled tube Contaminated specimen
Other Comments:		
Clinical Significance:		Diagnosis of homozygous and heterozygous fibrinogen deficiency as well as dysfibrinogenemia; diagnosis of disseminated intravascular coagulation. Fibrinogen levels can be used to assess the effectiveness of thrombolytic therapy.