
Lab Dept: Coagulation

Test Name: FIBRINOGEN ANTIGEN

General Information

Lab Order Codes: FIBB

Synonyms: Fibrinogen Ag; Factor 1 Antigen

CPT Codes: 85385 – Fibrinogen; Antigen

Test Includes: Immunologic antigen determination reported in mg/dL.

Logistics

Test Indications: Useful for identifying congenital afibrinogenemia, dysfibrinogenemia, disseminated intravascular coagulation (DIC), fibrinolytic activity and severe liver disease.

Lab Testing Section: Coagulation - Sendouts

Referred to: Fairview University Medical Center and Fairview forward to ARUP.
(Fairview test: FIBAG)

Phone Numbers: MIN Lab: 612-813-6280

STP Lab: 651-220-6550

Test Availability: Daily, 24 hours

Turnaround Time: 2 - 4 days

Special Instructions: N/A

Specimen

Specimen Type: Whole blood

Container: Light Blue top tube (Buffered Na Citrate 3.2%)

Draw Volume: 2.7 mL in a 3 mL tube (Minimum: 1.8 in 2 mL tube)

Processed Volume: 2 mL (Minimum: 1 mL) plasma

Collection: Do Not use the first 2 mL's of blood collected.

Patients with hematocrit levels >55% must have a special tube designed to adjust for the hematocrit. Contact lab for special tube.

Deliver specimen to lab immediately. Mix thoroughly by gentle inversion.

Special Processing: Lab Staff: Centrifuge specimen. Remove plasma aliquot and place in plastic screw-top vial. Store and ship frozen. Ship on dry ice.

Patient Preparation: If the patient has a coagulation abnormality, apply direct pressure on the puncture site for 10 minutes; apply pressure bandage. Instruct the patient to leave the bandage on for 12 hours.

Sample Rejection: Improper tube; clotted samples; underfilled tubes; overfilled tubes; mislabeled or unlabeled specimens

Interpretive

Reference Range:	Antigen:	149 – 353 mg/dL
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Critical Values: N/A

Limitations: N/A

Methodology: Fibrinogen Antigen: Radial immunodiffusion

References: Fairview University Medical Center Web Page
<http://labguide.fairview.org/diagnostic.asp> August 2015

Update: 3/18/2005: Change in Fibrinogen Antigen reference range, previously listed as 200 - 420 mg/dL.
 5/24/2010: Tubing patient specimens is no longer prohibited.
 3/28/2012: Updated Fibrinogen Ag ref range, now referred to ARUP. Updated Fibrinogen Activity Critical value.
 3/26/2014: Fibrinogen activity no longer performed with this test.
 8/19/15: Updated processing info.