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

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.