



# Laboratory Service Manual

**Lab Dept:** Coagulation

**Test Name:** D DIMER TITER

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## ***General Information***

**Lab Order Codes:** DDIT (titer)

**Synonyms:** D-dimer titer

**CPT Codes:** 85379 – Fibrin degradation products, D-dimer; quantitative

**Test Includes:** N/A

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## ***Logistics***

**Test Indications:** Useful for the detection of deep vein thrombosis, evaluation of acute myocardial infarction, unstable angina, and in following a leukemia patient's chemotherapy.

**Lab Testing Sections:** Coagulation

### **Phone Numbers:**

Minneapolis: 612-813-6280

Saint Paul: 651-220-6550

**Test Availability:** Daily, 24 hours

**Turnaround Time:** 2 hours

**Special Instructions:** N/A

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## ***Specimen***

**Specimen Type:** Whole blood

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

**Draw Volume:** 1.8 mL for 3 coagulation tests or less

2.7 mL for 4 coagulation tests or if factor assay is ordered

**Processed Volume:** N/A



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**Collection:** A clean venipuncture is essential. Patient's with hematocrit levels >55% must have a special tube made to adjust for the hematocrit; contact laboratory for special tube.

Deliver immediately to the laboratory.

Indicate when specimen is drawn from a line or a heparin lock.

Refrigerate specimen if there is a delay in transport of 30 minutes or more.

**Special Processing:** Lab Staff: Centrifuge immediately upon arrival in laboratory.

**Patient Preparation:** None

**Sample Rejection:** The following specimens will not be tested:

Improper tube, Clotted sample, Overfilled tube, Underfilled tube

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## *Interpretive*

**Reference Range:** <500 ng/mL

**Critical Values:** N/A

**Limitations:** Elevated D-dimer levels are not specific for the presence of DIC or of deep vein thrombosis. False-positive or false-negative results may occur when attempting to confirm a diagnosis of DIC.

**Methodology:** Monoclonal Antibodies Attached to Latex Particles

**Contraindications:** N/A

**References:** Harmening DH (1997) Clinical Hematology and Fundamentals of Hemostasis