



Laboratory Service Manual

Lab Dept: Coagulation

Test Name: D DIMER TITER

General Information

Lab Order Codes: DDIT (titer)

Synonyms: D-dimer titer

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

Test Includes: D-dimer titer reported in ng/mL.

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

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:	<p>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.</p> <p>Deliver immediately to the laboratory.</p> <p>Indicate when specimen is drawn from a line or a heparin lock.</p> <p>Refrigerate specimen if there is a delay in transport of 30 minutes or more.</p>
Special Processing:	Lab Staff: Centrifuge immediately upon arrival in laboratory.
Patient Preparation:	None
Sample Rejection:	Improper tube, Clotted sample, Overfilled tube, Underfilled tube, Mislabeled or unlabeled specimens

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