

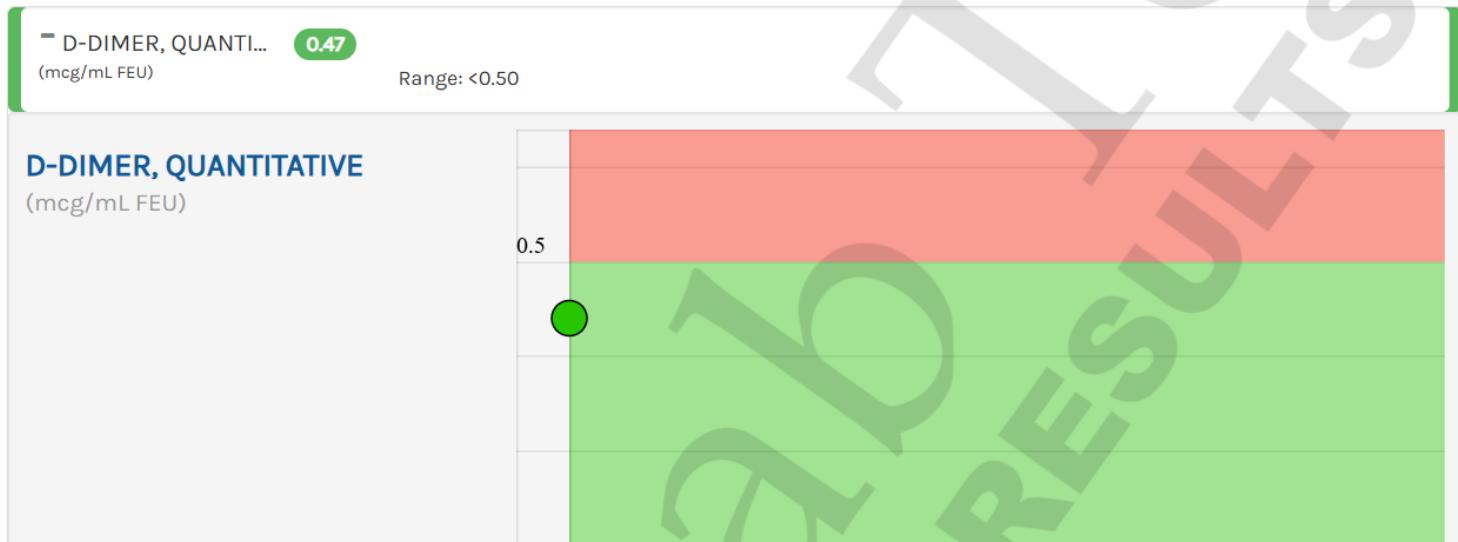
— Cardiovascular Health

The circulatory system, also known as the cardiovascular system (CVS), is a vast network of organs and vessels that are responsible for the flow of blood, nutrients, oxygen, other gases, and hormones ... [See more](#)

Coagulation

Normally, if you get hurt, your body forms a blood clot to stop the bleeding. For blood to clot, your body needs cells called platelets and proteins known as clotting factors. If you have a bleeding disorder, you either do not have enough platelets or clotting factors or they don't work the way they should. Bleeding disorders can be the result of other diseases, such as severe liver disease. They can also be inherited as by example Hemophilia is an inherited bleeding disorder. Bleeding disorders can also be a side effect of medicines.

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Result Comments

Elevated D-dimer levels are associated with DIC, malignancies, inflammation, sepsis, surgery, trauma, and pregnancy. A D-dimer result less than 0.5 mcg/mL FEU, in conjunction with a non-high clinical pre-test probability assessment model, excludes deep vein thrombosis and pulmonary embolism. However, since D-dimer values increase with age, the American College of Physicians recommends an age-adjusted cut-off value in patients older than 50. The calculation for an age adjusted cut-off value is age (years) x 0.01 mcg/mL FEU. For example, the cut-off for a 70-year-old patient would be 70 x 0.01 mcg/mL FEU.

For additional information, please refer to
<http://education.QuestDiagnostics.com/faq/FAQ149>
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