

LabMed Report

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In this issue: FDP/Munson
Healthcare System D-Dimer

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Munson Healthcare D-dimer Reporting

D-dimer performed on Stago instruments (Munson Medical Center, Kalkaska, Paul Oliver) is reported in fibrinogen equivalent units (ug/mLFEU). At Munson, normal individuals generated a normal reference range (mean + 2 standard deviations) of less than 0.55 ug/mL.

A comment which will attend these d-dimers:

"The negative predictive value for venous thromboembolism, including pulmonary embolism, of a Stago d-dimer less than 0.50 ug/mL (500 ug/L) FEU is very high, greater than 99%".

Age-adjusted d-dimer thresholds = age X 0.01 = value, in ug/mL, below which deep vein thrombosis or pulmonary embolism are very unlikely.

For example, venous thrombosis or pulmonary embolism is very unlikely with the following ages and d-dimer values:

Age 60: <0.60 ug/mL

Age 70: <0.70 ug/mL

Age 80: <0.80 ug/mL

Munson Medical Center Fibrin Degradation Products (FDP)

For multiple reasons, Munson Medical Center will be discontinuing FDP on March 1, 2023. Munson Medical Center will continue to offer PT/aPTT, fibrinogen levels, and rotational elastometry (ROTEM). Mayo DIC panel will continue to provide the assessment of possibly pathologic fibrinolysis.

References:

<https://www.stago-us.com/news-events/stago-us-news/detail/article/d-dimer-for-the-exclusion-of-thromboembolism-diet-study-completed-staR-liatestR-d-di-receives-1/>

<https://mhc.testcatalog.org/show/DDQ>