

LabMed Report

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In this issue: Stago Coagulation Analyzers

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Munson Medical Center will switch to Stago instrumentation for coagulation analysis Monday, 11/1/2021.

New reference ranges:

Prothrombin time (PT)	11.8-14.3 seconds
Activated partial thromboplastin time (aPTT)	24-36.6 seconds
Fibrinogen	177-493 mg/dl
D-dimer	<0.55 ug/mL FEU

D-dimer will be reported in fibrinogen equivalent units (ug/mLFEU). The negative predictive value for venous thromboembolism, including pulmonary embolism, of a Stago d-dimer less than 0.55 ug/mL (550 ug/L) FEU is greater than 99%.

Age-adjusted d-dimer thresholds = age X 10 = value, in ug/L, below which deep vein thrombosis or pulmonary embolism are very unlikely (negative predictive value >98%). For example, venous thrombosis or pulmonary embolism is very unlikely with the following ages and d-dimer values:

Age 60: <600 ug/L

Age 70: <700 ug/L

Age 80: <800 ug/L

Factor VIII will no longer be offered at MMC. Specimens will be sent to Mayo Medical Laboratories for analysis.

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://www.accessdata.fda.gov/cdrh_docs/pdf14/K141144.pdf

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