



Laboratories at Adventist Healthcare White Oak Medical Center, Shady Grove Medical Center and Germantown Emergency Center

Date: July 21, 2021

LABORATORY ALERT

Subject: Troponin Reference Ranges

The Laboratory is informing you of the following test change:

Effective Date:	July 26, 2021
Test Affected:	Troponin
Reference Range Change:	Ranges will be gender specific: Female: < 76 pg/mL Male: < 86 pg/mL
New Report Comment:	The following message is automatically added by the LIS: HS Troponin I – Interpretation High risk of myocardial injury, including myocardial infarction. Male/Female: >100 pg/mL Indeterminate, clinical assessment and serial result evaluation recommended. Male: 86-100 pg/mL Female: 76-100 pg/mL Within 99th percentile of normal patients with a CV < 10%: <4 hours symptom onset, serial result evaluation recommended, > 4 hours symptom onset – low risk of myocardial injury. Male: <86 pg/mL Female: <76 pg/mL
Additional Information:	The SOPs for High Sensitivity Troponin I (Atellica, EXL & Vista) and the Reference Range Chart (AG.F151) will all be revised.
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