

How to use hs-cTnT testing – Acute MI

For Rule Out/Rule In Patients Suspicious for Acute MI

Time 0 hs-cTnT Epic Code: LAB9290

< 10 ng/L Female
< 15 ng/L Male
AMI ruled out

> 10 ng/L Female
> 15 ng/L Male
Draw 2nd hs-cTnT at 2 hours from time 0

Increase in hs-cTnT < 3 ng/L
AMI ruled out

Increase in hs-cTnT > 3 ng/L and < 10 ng/L
Draw 3rd hs-cTnT at 6 hours from time 0

Increase in hs-cTnT > 10 ng/L
AMI ruled in

Increase in hs-cTnT < 12 ng/L from time 0
AMI ruled out

Increase in hs-cTnT > 12 ng/L from time 0
AMI ruled in

○ All rule-ins and rule-outs should be further stratified with history, EKG, age, and other risk factors

○ **Critical value** (called to clinical team by lab) = **100 ng/L**