

News

Clinical Laboratory Test Update

Troponin I Test Discontinuation

New Test – High Sensitivity Troponin I

Effective **12/14/2020**, the University of Colorado Hospital Clinical Laboratory will be unable to offer conventional Troponin I Ultra testing due to discontinuation of the test by the assay manufacturer. On Monday, December 14th, the Clinical Laboratory will be switching to the Beckman Coulter High Sensitivity Troponin I assay.

Details for ordering and interpreting high sensitivity troponin I results will be shared in a separate mass communication coordinated with the Division of Cardiology and Department of Emergency Medicine.

You will immediately notice differences with the new assay:

1. Most healthy people will have measurable troponin I values.
2. Reference intervals will vary based on one's sex.
3. Numeric values will be much larger in magnitude as compared to values for the old assay, because the new results will be reported in a different unit of measure (ng/L).

Specimen	Preferred - One 5mL green top with gel
Storage/Transport	Onsite: Deliver to lab immediately at ambient temperature Offsite: Centrifuge within 60 minutes of collection. Transport to laboratory on cold pack
Stability – after centrifugation	Room Temperature = 4 hours Refrigerated = 48 hours Frozen = 180 days
Reference Interval for result (99 th percentile)	Female ≤ 14.9 ng/L Male ≤ 19.8 ng/L Unspecified in Epic ≤ 17.9 ng/L
CPT Code	84484

One cannot directly compare values obtained from an older conventional troponin assay to the new high sensitivity troponin assay. Details for the ordering and interpretation of high sensitivity troponin I results will be shared in a separate mass communication coordinated with the Division of Cardiology and Department of Emergency Medicine.

Please call Gregory Bocsi, DO at 720-848-7050 if you have any questions or visit our test directory at <https://www.testmenu.com/universityhospital> for additional information.

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