



A Member of Cayuga Health System

Updated Laboratory Technical Bulletin

Date: 3/1/2022 (**Updated**)

Effective Date: 3/8/2022

Title: High Sensitivity Troponin-I replacing Troponin-I

Test: High Sensitivity Troponin-I

Explanation: High Sensitivity Troponin testing will replace current troponin testing with the attached Acute Chest Pain algorithm, decreasing the time it takes to diagnose Acute Coronary Syndrome (ACS) and reducing false positive troponin results. **See updates from the original technical bulletin in red.**

| | Old | New |
|-----------------------------------|------------|---|
| <i>Perform Site</i> | CMC Lab | CMC Lab |
| <i>Test Code</i> | TROPI | TROP.BASE (baseline) TROP.ONE (1 hour) TROP.THREE (3 hour, separate order required) |
| <i>Units</i> | ng/mL | pg/mL (whole numbers) |
| <i>Reference Range</i> | <0.03 | Males <20 Females <15 |
| <i>Reportable Range</i> | 0.00-74 | 3-24,000 |
| <i>Critical Values</i> | ≥0.03 | Delta change from Baseline draw to 1 and/or 3 hour draw: ≥10 in Females ≥15 in Males (no baseline or absolute number critical values) |
| <i>Specimen</i> | SST or PST | Green PST only – invert 8-10x |
| <i>Site Restriction</i> | None | CMC and Schuyler Hospital* |
| <i>Turnaround time (TAT) Goal</i> | 30 minutes | 30 minutes |

*Random non-acute outpatient troponin orders will only be accepted as a send out test with a longer TAT.

Order TRPS: Troponin T, 5th gen, P NonAcute. Collect PST.

Reviewed by:
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MAR 02 2022

Date _____

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Date

3/7/2022

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