

Provincial Laboratory Services



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One Island Health System

Troponin T Reporting at KCHM, PCH, CHO, SH, WH

December 31, 2019

This information applies to: Island Physicians and Nurse Practitioners

Timely measurement and reporting of cardiac troponin in patient blood is a crucial service provided by the Clinical Chemistry laboratory¹. Numerous blood tests for troponin exist and some are approved to be labelled and marketed as “high sensitivity” assays, such as high sensitivity Troponin I offered at QEH, and high sensitivity Troponin T (**Troponin T hs**) offered at PCH. In addition, troponin tests are available for handheld devices that allow us to offer **Troponin T** testing at KCMH, SH, WH, and CHO, which are not “high sensitivity”. For patient safety, guidelines require laboratories to clarify the type of troponin assay that has been reported².

Current practice is for "Troponin T" and "Troponin T hs" to report in a common line in Cerner Millennium called "Troponin T hs". Because the "Troponin T" assay performed at KCMH, SH, WH, CHO is not "high sensitivity", results from these sites will be distinguished in Cerner Millennium and reported as "Troponin T". This change is effective as of January 6, 2020.

Rest assured that no changes have occurred to our troponin tests or service. Should you have any questions or concerns please contact us.

For more information, contact:

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¹Thygesen et al *JACC* 72, 18, 2018. ²Wu et al. *Clin Chem* 64, 4, 2018.