



**Date:** September 14, 2020  
**To:** North Zone Physicians, North Zone Nursing, Laboratory Directors, Managers and Supervisors  
**From:** Clinical Biochemistry, North Sector, Alberta Precision Laboratories (APL)  
**Re:** Changes in Troponin Method

**PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE**

**Key Message:**

- Effective **September 24, 2020**, the primary troponin method will be changing at the following sites:

Athabasca	Smoky Lake	Beaverlodge
Boyle	St. Paul	Fox Creek
Barrhead	Swan Hills	Fairview
Cold Lake	Wabasca	Grimshaw
Edson	Whitecourt	Grande Cache
Elk Point	Westlock	High Prairie
Hinton		Manning
Jasper		McLennan
Lac La Biche		Peace River
Mayerthorpe		Spirit River
Slave Lake		Valleyview

- The troponin reference range will change from  $\leq 0.02$  ug/L to  **$\leq 0.1$  ug/L**
- Due to the difference in methods, results obtained prior to September 24<sup>th</sup> at the above-mentioned locations should **NOT** be compared to those obtained on September 24<sup>th</sup> and thereafter.
- Samples must be collected in a lithium heparin or sodium heparin tube. Stability of these samples is 30 minutes, samples collected and delivered to lab greater than 30 minutes after collection will be unacceptable for testing.

**Why this is Important:**

- The change in troponin method is due to difficulties in ensuring adequate supplies of current troponin method reagents from the manufacturer
- Both old and new troponin methods have comparable sensitivity and **do NOT represent high-sensitive troponin testing**

**Action Required:**

- Please be aware of the changes in reference intervals of troponin method
- Order entry of Troponin testing will be changed to **TROPI3** in both ARH and PCH Meditech rings for the labs indicated above for the duration of time that testing is performed on this method. Tests to be performed at QEII and/or Bonnyville laboratories remain the same.

**Inquiries and feedback may be directed to:**

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**This bulletin has been reviewed and approved by:**

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