

Date: December 6, 2013

To: North Zone – Former Peace Country Health Region (Excluding Grande Prairie - QEII)
Physicians, Nurse Managers, Educators and Practitioners, Laboratory Directors and Managers

From: AHS Laboratory Services

Re: Troponin Assay – Upgrade and Reporting Changes

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Messages:

- Effective **December 9, 2013**, the Troponin T (TnT) assay will be **discontinued** and replaced with the Troponin I (TnI) assay performed on the Alere Triage[®] System. TnI testing will be available at the following laboratory locations:

Laboratory Location	
Beaverlodge Health Centre	Grimshaw-Berwyn Health Centre
Central Peace Health Centre	High Prairie Health Centre
Fairview Health Centre	Manning Health Centre
Fox Creek Health Centre	Sacred Heart Health Centre - McLennan
Grande Cache Health Centre	Valleyview Health Centre

- Troponin I (TnI) will be orderable during and outside of regularly staffed laboratory hours of operation.
- Troponin I (TnI) results will be reported as follows:

TnI Result	Report Comment
≤ 0.02 ug/L	Negative
> 0.02 ug/L	<p><i>In a clinical setting consistent with Acute Coronary Syndrome, TnI > 0.02 ug/L is consistent with myocardial injury whereas peak TnI ≤ 0.02 ug/L is consistent with myocardial ischemia without injury.</i></p> <p><i>TnI > 0.02 ug/L may also be observed in several other cardiac and systemic diseases (most commonly – acute PE, acute pericarditis, acute or severe HF, myocarditis, sepsis and/or shock).</i></p>

Action Required:

- Order Troponin I in Meditech using the code: **TROPI1**

Inquiries and feedback may be directed to:

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This bulletin has been reviewed and approved by:

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