

Date: July 29, 2019
To: North Zone Physicians, Nurse Managers, Laboratory Managers and Staff
From: Alberta Public Laboratories (APL)
Re: New Activated Partial Thromboplastin (APTT) Therapeutic Range

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Message:

- Effective July 31, 2019, the Therapeutic Range for Activated Partial Thromboplastin Time (APTT) testing will be adjusted as a result of the implementation of a new lot of testing reagent.
- The Therapeutic Range for heparin use will be affected. Please refer to the most recent pharmacy heparin infusion nomogram.
- Changes will affect the following hospitals and community healthcare centres (CHC) and healthcare centres (HC):

Locations			
Beaverlodge Municipal Hospital	Central Peace Health Complex - Spirit River	Fairview Health Complex	Fox Creek HC
Grande Cache Community Health Complex	Grimshaw/Berwyn CHC	High Prairie Health Complex	Manning CHC
Peace River CHC	Sacred Heart CHC - McLennan	Queen Elizabeth II Hospital, Grande Prairie	Valleyview HC
Athabasca HC	Barrhead HC	Bonnyville HC	Boyle HC
Cold Lake HC	Edson CHC	Elk Point Community Health Services	Hinton HC
Seton - Jasper HC	Slave Lake HC	Mayerthorpe HC	Swan Hills HC
St. Therese - St. Paul HC	George McDougall - Smoky Lake HC	Vilna Community Health Services	William J. Cadzow - Lac La Biche HC
Westlock HC	Whitecourt HC	Wabasca/Desmarais HC	

Why this is important:

- Using the correct reference and therapeutic ranges are required for effective diagnosis and treatment of patients.
- The reference and therapeutic range information will be indicated on the report along with patient sample value.

Action Required:

- Please refer to the following ranges for reference values:

APTT Therapeutic Range	
(New) effective July 31, 2019	65 - 90 seconds
Previous	55 - 95 seconds

Inquiries and feedback may be directed to:

- Dr. Brent Mendez, Regional Lab Medicine Site Chief QEII Hospital at 780-538-7417 or by email at: Brent.Mendez@albertapubliclabs.ca

This bulletin has been reviewed and approved by:

- Dr. Carolyn O'Hara, Interim Chief Medical Laboratory Officer, Alberta Public Laboratories (APL)