

Date: November 12, 2013

To: Central Zone – Former David Thompson Health Region (DTHR)
Physicians, Nurses, Laboratory Directors and Managers

From: AHS Laboratory Services

Re: Calcium Reference Interval Change

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Messages:

- Effective **November 14, 2013**, calcium reference intervals will be changed in all former David Thompson Health Region (DTHR) Laboratory sites currently performing calcium testing.
- The Calcium reference intervals for **females and males** will be changed to the following:

Age Range	New Calcium Reference Interval
0 days - 10 days	1.85 - 2.55 mmol/L
11 days - 11 years	2.15 - 2.65 mmol/L
12 years - 150 years	2.05 - 2.55 mmol/L

Why this is important:

- Calcium reference intervals in former DTHR will be better aligned with calcium reference intervals reported by other laboratories across the province, while also accounting for minor (~0.10 mmol/L) method differences.
- There will be improved correlation of calcium results when comparison occurs between the different laboratory analyzers that are used across the province.

Inquiries and feedback may be directed to:

- Dr. Allison Venner, Clinical Biochemist, Central Zone at: 403-406-5633 or email: allison.venner@albertahealthservices.ca

This bulletin has been reviewed and approved by:

Dr. Carolyn O'Hara, AHS Medical / Scientific Director and ZCDH, Laboratory Services, Edmonton Zone