



Date: March 8, 2021
To: Calgary Zone Physicians and Healthcare Providers; and APL Managers and Supervisors, MLT II/III, LIC, Accessioning, Clinical Biochemists
From: Clinical Biochemistry, South Sector, Alberta Precision Laboratories (APL)
Re: Changes in Reference Intervals

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Message:

- Effective **March 22 and 23, 2021**, the reference intervals for the following tests will be updated to new provincially harmonized reference intervals:
 - Alanine Aminotransferase (ALT)
 - Albumin
 - Alkaline Phosphatase (ALP)
 - Chloride
 - Gamma Glutamyl Transferase (GGT)
 - Magnesium
 - Phosphate (phosphorous)
 - Total CO₂
 - Total Protein
 - Sodium
 - Urea
 - Vitamin B₁₂
- A comment will be added to the report specifying that the updated reference interval reflects provincial harmonization efforts.

Why this is important:

- New provincial harmonized reference intervals are evidence-based and are derived via statistical analysis of provincial population data.

Action Required:

- Please be aware of the changes in reference intervals.

Inquiries and feedback may be directed to:

- Jessica Gifford, PhD, Clinical Biochemist, 403-770-3779, Jessica.Gifford@albertaprecisionlabs.ca

This bulletin has been reviewed and approved by:

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