

DATE:	2021 November 1
TO:	All Central Zone Physicians and Healthcare Providers
FROM:	Clinical Biochemistry, South Sector, Alberta Precision Laboratories (APL)
RE:	Changes to Reference Intervals of Alanine Aminotransferase

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Key Message

- Effective **November 3 (Red Deer Regional Hospital)** and **November 4, 2021 (rural sites of Central Zone, South Sector, equipped with Vitros chemistry analyzers)**, reference intervals for the Alanine Aminotransferase will be updated to reflect the new provincial reference intervals:

Analyte	Age	Reference Interval	Units	Gender	Critical Value
Alanine Aminotransferase (ALT)	<18 Years	< 40	U/L	M, F & U	N/A
	≥18 Years	< 70	U/L	M & U	N/A
	≥18 Years	< 50	U/L	F	N/A

Why this is Important

- New provincial reference intervals are evidence-based and have been developed based on the statistics obtained from the provincial population.

Action Required

- Please be aware of the changes in reference intervals.

Inquiries and feedback may be directed to

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This bulletin has been reviewed and approved by

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