

<b>DATE:</b>	2021 December 13
<b>TO:</b>	All Lethbridge and Area Physicians and Healthcare Providers
<b>FROM:</b>	Clinical Biochemistry, South Sector, Alberta Precision Laboratories (APL)
<b>RE:</b>	<b>Changes to Reference Intervals of Aspartate Aminotransferase</b>

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### Key Message

- Effective **November 29, 2021**, reference intervals for Aspartate Aminotransferase (AST) will be updated to reflect the new provincial reference intervals:

Analyte	Age	Reference Interval	Units	Gender	Critical Value(s)
Aspartate Aminotransferase (AST)	<30 days	< 115	U/L	M, F & U	N/A
	30 days to 364 days	< 80	U/L	M, F & U	N/A
	1 Year to <7 Years	< 60	U/L	M, F & U	N/A
	7 Years to <18 Years	< 45	U/L	M, F & U	N/A
	≥18 Years	< 55	U/L	M & U	N/A
	≥18 Years	< 45	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.

### Effective

- November 29, 2021

### Inquiries and feedback may be directed to

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### This bulletin has been reviewed and approved by

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