

DATE:	8 December 2025
TO:	All Zones – All Physicians, Nurses, Managers, Lab Staff
FROM:	Clinical Biochemistry, Alberta Precision Laboratories (APL)
RE:	Changes to the Upper Reportable Limit on Vitros Analyzers

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Key Message

- Effective December 9, 2025, the upper reportable limits on Vitros analyzers will be updated as follows:

Analyte	Current Upper Reportable Limit	New Upper Reportable Limit
ALT	Unlimited	70,000 U/L
CK	32,000 U/L	320,000 U/L
GGT	28,000 U/L	4,200 U/L
LDH	16,600 U/L	50,000 U/L
Lipase, Factored	3,000 U/L	1,446 U/L

Background

- The Provincial Dilution Working Group was established to evaluate and improve the accuracy of diluted results generated on Vitros analyzers.
- A comprehensive series of experiments demonstrated that the maximum allowable dilution should be reduced for certain analytes (ALT, GGT, Lipase) to ensure accuracy.
- Conversely, for other analytes (CK, LDH), the data support increasing the extent of valid dilution.

Why this is important

- The revised upper reportable limits align with the actual analytical performance of the Vitros platform.
- These updated limits will improve the reliability of results requiring dilution.

Action Required

- Please note that the maximum reportable value is changing for the analytes listed above.
- If a sample exceeds the new upper reportable limit, the result will be reported as ">" (greater than) the new limit (e.g., >70,000 U/L for ALT).
- If numerical results are still required, samples can be referred to another site by physician at request.

Questions/Concerns

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Approved by

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