

<b>DATE:</b>	2 February 2026
<b>TO:</b>	All Zones – All Physicians, Nurses, Managers, Lab Staff
<b>FROM:</b>	Clinical Biochemistry, Alberta Precision Laboratories (APL)
<b>RE:</b>	<b>Changes to the Upper Reportable Limits on Roche Diagnostic Analyzers at Urban/Regional Hospitals and the Outpatient Testing Laboratory in Calgary</b>

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### Key Message

- Effective Feb 3, 2026, the upper reportable limits on Roche Diagnostic analyzers at urban/regional hospitals and the outpatient testing laboratory in Calgary will be updated as follows:

Orderable Test	Current Upper Reportable Limit	New Upper Reportable Limit
Alanine Aminotransferase (ALT), U/L	7,000	70,000
Aspartate Aminotransferase (AST), U/L	7,000	70,000
Alkaline Phosphatase (ALP), U/L	6,000	120,000
Amylase (AMY) and Amylase, Body Fluid (FAMY), U/L	7,500	150,000
Creatine Kinase (CK), U/L	Variable Provincially	200,000
Gamma Glutamyl Transferase (GGT), U/L	13,200	120,000
Lactate Dehydrogenase (LD) and Lactate Dehydrogenase, Body Fluid (FLD), Lactate Dehydrogenase, CSF (CSFLD) U/L	2,500	100,000
Lipase and Lipase, Body Fluid U/L	3,000	30,000
C-Reactive Protein (CRP), mg/L	700	3,500

### Background

- A comprehensive series of experiments were performed to determine the maximum allowable dilution for these tests.
- These changes will improve the accuracy of diluted results and establish provincially standardized reporting for urban/regional hospitals and Calgary Diagnostic and Scientific Center laboratories.

### Why this is important

- These updated limits will improve the reporting of results requiring dilution.
- In most cases, extending upper reportable limits will provide a numerical result for trending purposes when previously only reported as greater than a value (“>”).
- Results higher than these limits will be reported as “>”.

### Action Required

- The maximum reportable limit is changing for the tests listed above.



- Be aware that results exceeding the new upper reportable limit will be reported as “>” (greater than) (e.g., >70,000 U/L for ALT).
- Call the laboratory if numerical results are required.

#### **Questions/Concerns**

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#### **Approved by**

- Dr. Carolyn O’Hara, Interim Chief Medical Laboratory Officer, APL