ALBERTA PRECISION LABORATORIES

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Laboratory Bulletin

Date: **November 29, 2021**
To: **All Zones**
From: **Toxicology/Trace Elements Laboratory – University of Alberta Hospital**
Re: **Trace Elements Analysis**

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Key Message:

- The inductively coupled plasma mass spectrometer (ICPMS) used to perform trace elements analysis requires repair. Due to supply chain issues, the instrument vendor is having difficulty getting the necessary parts to diagnose the issue and repair the instrument.
- To prevent further delay in reporting of the trace elements, samples are being referred to a number of referral laboratories to help with the backlog of specimens and provide testing for the foreseeable future.

Why this is important:

- Turn-around time for the trace elements testing will be delayed.
- A comment will be appended to results when testing has been performed at a referral laboratory.

Action Required:

- Be aware there may be a delay in the reporting of the trace element results and a comment will be appended to results when testing has been performed at a referral laboratory.

Inquiries and feedback may be directed to:

- Dr. Penny Colbourne, Clinical Toxicologist, University of Alberta Hospital, Toxicology/Trace Elements Laboratory (penny.colbourne@aplabs.ca)
- Dr. Dylan Thomas, Clinical Chemist, University of Alberta Hospital, Toxicology/Trace Elements Laboratory (dylan.thomas@aplabs.ca)

This bulletin has been reviewed and approved by:

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