

<b>DATE:</b>	2022 February 7
<b>TO:</b>	Physicians, Nurses and Lab Staff at Peace River
<b>FROM:</b>	Janelle Vetsch, Consultant Technologist
<b>RE:</b>	<b>Ammonia Orders Reflex Glucose Order</b>

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### Key Message

- Effective February 14, 2022 ammonia orders in Peace River will reflex a glucose order.

### Background

- When testing is performed on a Vitros analyzer, ammonia results are underestimated when glucose results are  $\geq 33.3$  mmol/L. Ammonia orders will now trigger the addition of a glucose order.
- Laboratory staff will add the following result comment for ammonia results that accompany glucose results  $\geq 33.3$  mmol/L:

“Ammonia results are underestimated when glucose results are  $\geq 33.3$  mmol/L. Interpret result with caution and recollect after treatment of hyperglycemia if clinically appropriate.”

### How this will impact you

- No change required.

### Action Required

- No change required.

**Effective February 14, 2022**

### Questions/Concerns

- Dr. Mireille Kattar, Clinical Pathologist, Area 3, North Sector, APL [Mireille.Kattar@albertaprecisionlabs.ca](mailto:Mireille.Kattar@albertaprecisionlabs.ca)

### Approved by

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- Dr. Michael Mengel, North Sector Medical Director, APL Chair Department of Laboratory Medicine and Pathology, University of Alberta