

<b>DATE:</b>	20 February 2024
<b>TO:</b>	All Healthcare Professionals and Providers in Edmonton, North and Central Zones
<b>FROM:</b>	Biochemical Genetics North Laboratory, University of Alberta Hospital
<b>RE:</b>	<b>Sugar Identification, Urine Testing Consolidation</b>

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### Key Message

- Effective Feb 5<sup>th</sup>, 2024, Sugar Identification, Urine testing will only be performed by the Biochemical Genetics South Laboratory at the Alberta Children's Hospital.

### Background

- This test is used to evaluate the pattern of urinary carbohydrate excretion when there is a strong clinical suspicion of a disorder of monosaccharide transport or carbohydrate metabolism (e.g., galactosemia, fructosemia), or when the sugar (i.e., reducing substances) screen has been found to be abnormal and there was insufficient sample for reflexive testing. This test is not the recommended method for diagnosing galactosemia, diabetes or the intestinal enzyme deficiencies congenital sucrase-isomaltase or lactase deficiency.
- Currently, there are two sites in Alberta performing this testing, Biochemical Genetics South (BGS) Laboratory at the Alberta Children's Hospital and Biochemical Genetics North Laboratory at the University of Alberta Hospital.
- Effective Feb 5, 2024, all Sugar Identification, Urine testing will be consolidated at the BGS lab.
- The test build in Connect Care as well as the APL Test Directory Page will be updated to ensure all samples are properly routed to the BGS lab.

### Action Required

- No action required for the ordering providers.

**Effective February 5, 2024**

### Questions/Concerns

- Dr. Iveta Sosova, Lab Head, Biochemical Genetics, North, UAH, 780-407-7379 or [Iveta.Sosova@albertaprecisionlabs.ca](mailto:Iveta.Sosova@albertaprecisionlabs.ca)
- Dr. David Sinasac, Lab Head, Biochemical Genetics, South, ACH 403-955-3138 or [David.Sinasac@albertaprecisionlabs.ca](mailto:David.Sinasac@albertaprecisionlabs.ca)

### Approved by

- Dr. Dennis Bulman, Medical/Scientific Director, Genetics & Genomics, APL
- Dr. Carolyn O'Hara, Chief Medical Laboratory Officer, APL

*Effective September 1, 2023, APL has become the sole provider of all public lab services in Alberta. As a result, community lab services formally provided by DynaLIFE Medical Labs will become the responsibility of Alberta Precision Labs (APL). This change impacts all zones.*