

DATE:	20 March 2023
TO:	All Zones
FROM:	Genetics and Genomics, Alberta Precision Laboratories
RE:	New Dried Blood Spot Citrulline Monitoring

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Key Message

- APL Genetics and Genomics now offers dried blood spot (DBS) Citrulline monitoring for the assessment of enterocyte functional mass.

Background

- The DBS citrulline quantitation test is intended for the investigation or therapeutic monitoring of acute or chronic intestinal insufficiency. Additionally, this test may be used for monitoring graft function post-intestinal transplantation. The new DBS Citrulline monitoring test will utilize existing Newborn Screening workflows for efficiency to reduce turnaround times and costs.

How this will impact you

- Out-of-province DBS citrulline testing will now be performed in the Biochemical Genetics laboratory in Edmonton.

Action Required

- Information for and ordering of Citrulline Monitoring, Dried Blood Spot Test code 1434 is available in ConnectCare. Alternatively, this test can be ordered on the recently updated Genetics and Genomics Biochemical Genetics Requisition.

Effective Immediately

Questions/Concerns

- Dr. Ross Ridsdale, Biochemical genetics North, Ross.Ridsdale@albertaprecisionlabs.ca, 780-407-4570
- Dr. Iveta Sosova, Biochemical genetics North, Iveta.Sosova@albertaprecisionlabs.ca, 780-407-7379
- Dr. Lauren MacNeil, Biochemical genetics North, Lauren.MacNeil@albertaprecisionlabs.ca, 780-407-1275

Approved by

- Dr. Dennis Bulman, Medical/Scientific Director, Genetics & Genomics, Alberta Precision Laboratories
- Dr. Carolyn O'Hara, Chief Medical Laboratory Officer (Interim), Alberta Precision Laboratories