

DATE:	29 August 2023
TO:	All Zones: Physicians, Nurses and Healthcare Providers, Laboratory Staff
FROM:	Clinical Biochemistry, South Sector, Alberta Precision Laboratories (APL)
RE:	Anti-CCP and CA15-3 Test Changes in Calgary

PLEASE POST OR DISTRIBUTE AS WIDELY AS APPROPRIATE

Key Message

- APL-Calgary is implementing new instruments for measuring Cancer Antigen 15-3 (CA 15-3) and Anti-Cyclic Citrullinated Peptide (Anti-CCP) to replace outgoing instruments.
- CA 15-3 testing in Alberta is centralized to APL-Calgary, whereas Anti-CCP will continue to be run in both Edmonton and Calgary.
- Current and new Calgary instruments do not provide equivalent values for CA 15-3 and Anti-CCP tests.
 - Re-baselining patients tested in Calgary may be required using the new instrument.
 - Reference intervals for testing in Calgary have been adjusted and a comment will be appended to all results reported for the first 6 months indicating the change in testing.

Assay	APL-Calgary		APL-Edmonton
	New Reference Interval	Previous Reference Interval	Current Reference Interval
CA 15-3	< 38.0 kU/L	< 31.2 kU/L	N/A
Anti-CCP	< 3 U/mL	< 5 U/mL	< 17 U/mL

How this will impact you

- Be aware that patients tested in Calgary may need to be re-baselined for CA 15-3 and Anti-CCP on the new instruments.
- Interpret the new results using the new reference intervals, as the quantitative results are not equivalent between instruments.

Action Required

- Review the new reference intervals.
- No changes have been made to ordering.
- No changes have been made to Anti-CCP testing in Edmonton.

Effective

- August 31, 2023

Inquiries and feedback may be directed to

- Dennis Orton, Clinical Biochemist, APL Calgary, 403-770-3219 | Dennis.Orton@aplabs.ca
- Lori Gervais, MLT II, APL Calgary, 403-770-3779 | lori.gervais@aplabs.ca

This bulletin has been reviewed and approved by

- Dr. Allison Venner, Associate Section Chief, Clinical Biochemistry, South Sector, APL
- Dr. Paul Klonowski, Associate Medical Director, South Sector, APL



**ALBERTA PRECISION
LABORATORIES**

Leaders in Laboratory Medicine