

DATE:	21 October 2024
TO:	Edmonton, North, and Central Zones
FROM:	Clinical Chemistry, Edmonton Base lab
RE:	Changes to Reportable Range for C-Reactive Protein (CRP) at Edmonton Baselab - REVISED

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Key Message

- Effective October 22, 2024, the reportable range of the Siemens Atellica CRP method performed at Edmonton Base Lab will change to 5.0 mg/L – 1250 mg/L. This change is being made because of modifications in the reagent formulation by the manufacturer.

Background

- The reportable range for CRP at Edmonton Base Lab was 0.5 mg/L- 624 mg/L. The new reagent formulation was observed to have significant imprecision at lower concentrations making it unsuitable to report values less than 5.0 mg/L. However, the upper end of the reportable range is being extended to 1250 mg/L.

How this will impact you

- CRP results less than 5.0 mg/L will now be reported as <5.0 mg/L.
- If values lower than 5.0 mg/L are required for the evaluation of cardiovascular disease risk, CRP, high sensitivity (hsCRP) should be ordered.

Action Required

- Please be aware of the new reportable range for the Siemens Atellica CRP method used at Edmonton Base Lab.

Effective October 22, 2024

Questions/Concerns

- Edmonton Base lab Clinical Chemist Team, 825-394-1816, apl.clinicalchemists@albertaprecisionlabs.ca

Approved by

- Dr. Mathew Estey, Medical Lead Clinical Biochemistry, APL
- Dr. Erene Farag, Provincial Medical Director, Community Lab Services, APL
- Dr. Michael Mengel, Medical Director, North Sector, 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.