

DATE:	17 August 2026
TO:	North Zone, Edmonton Zone, and Central Zone (sites that refer testing to Edmonton): All Healthcare Providers
FROM:	Clinical Biochemistry, Alberta Precision Laboratories (APL)
RE:	Temporary Immunoglobulin G Subclasses & IgG4 Routing to Calgary DSC Immunochemistry Lab

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Key Message

- **Effective August 20, 2026**, Immunoglobulin G (IgG) Subclasses and IgG4 testing will temporarily route to the Diagnostic Scientific Center (DSC), Immunochemistry Laboratory in Calgary.

Background

- Due to vendor discontinuation of IgG subclass reagents, the University of Alberta Hospital (UAH) in Edmonton is unable to continue onsite testing.
- There may be a delay to IgG subclasses and IgG4 reporting due to the temporary routing change.
- The estimated date for the UAH site to resume offering IgG subclass testing is within 3 to 4 weeks.
- The UAH site is currently validating pediatric age-specific reference intervals for the Optilite instrument. Provincial implementation of these reference intervals will occur in Sept 2026.

How this will impact you

- Due to an immunoassay test methodology change, there may be a small difference between UAH current nephelometer results and DSC Optilite results.
 - Be aware that results from different instruments do not trend. Patients may require re-baselining.
- The most noticeable change will occur in transitioning from pediatric age-specific reference intervals (UAH nephelometer) to one reference interval for pediatric and adult patients (DSC Optilite).

Action Required

- Reference intervals for IgG Subclasses and IgG4 are in Connect Care and the APL test directory.
- Refer to the Optilite reference interval in the report for appropriate result interpretation.

Questions

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Reviewed and approved by

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