

DATE:	18 August 2025
TO:	All Healthcare Providers
FROM:	Alberta Precision Laboratories (APL) – Public Health Laboratory
RE:	CMV Total Antibody Kit Supply Disruption

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Key Message

- Starting August 9, 2025, CMV total antibody testing became unavailable.
- The manufacturer is estimated to be unable to provide the kit until September 2025.
- This impacts donor screening for Bone Marrow Transplant programs and fertility clinics.
- Requests for CMV total antibody will instead be carried out using diagnostic CMV IgG and IgM assays.
- Once supply is restored, fertility clinic samples previously tested with the CMV IgG and IgM tests will be retested with the CMV total antibody kit.

Background

- The only Health Canada-authorized donor screening test for CMV serology is the Capture-CMV Kit (ImmuCor) and the manufacturer has informed the APL – Public Health Laboratory of a significant supply disruption in reagents necessary to perform the test.
- While the CMV total antibody kit is unavailable, the Alinity CMV IgG (Abbott) and LIAISON CMV IgM (DiaSorin) routine diagnostic assays will be performed instead.
- The CMV IgG and IgM assays are Health Canada-authorized for diagnostic testing and have been validated at ProvLab with both demonstrating a strong performance.

Actions Required

- Continue current practices when ordering CMV total antibody.
- The laboratory will identify CMV total antibody specimens, place them into storage, and instead perform CMV IgG and IgM.
- Once the CMV total antibody kit supply is restocked, fertility clinic samples will be retested using the CMV total antibody kit. New orders will not be necessary. Results will be reported at that time.

Questions/concerns

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Approved by

- Dr. Kevin Fonseca for Dr. Graham Tipples, Medical-Scientific Director, Public Health, APL