

Date: August 26, 2019
To: Edmonton and North Zones
From: Genetics and Genomics, Alberta Public Laboratories (APL)
Re: Changes to Collection Requirements for Fanconi Anemia Breakage Studies

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Key Message:

- Effective immediately, clinicians are no longer required to provide an age-matched control sample for Fanconi Anemia Breakage Studies.
- All chromosome breakage studies will be performed in the Cytogenetics Laboratory, Genetics and Genomics South Sector (Calgary).

Why this is important:

- Consolidation of this low volume testing to South Sector provides better efficiency and eliminates the need for the age-matched control sample to be provided by the clinician.
- Clinicians will continue to use the same Constitutional Cytogenetics Requisition to order this test.
- Fanconi Anemia and DNA Repair Disorders Next Generation Sequencing Panel testing will continue to be performed in the Molecular Diagnostics Laboratory, Genetics and Genomics North Sector (Edmonton).

Action Required:

- Testing can be requested by completing a Constitutional Cytogenetics Requisition which can be found at <https://www.albertahealthservices.ca/lab/Page8667.aspx> under the Cytogenetics Laboratory tab.
- Please refer to the Genetics and Genomics Test Directory (<https://www.albertahealthservices.ca/webapps/labservices/indexGenetics.asp>) for details regarding collection, shipping and sample handling.

Inquiries and feedback may be directed to:

- Dr. Bob Argiropoulos, Lab Head, Cytogenetics South 403-955-2886

This bulletin has been reviewed and approved by:

Dr. Dennis Bulman, Medical/Scientific Director, Genetics & Genomics, APL

Dr. Carolyn O'Hara Interim Chief Medical Laboratory Officer, Alberta Public Laboratories