

**Date:** June 3, 2016  
**To:** All Zones  
**From:** Genetic Laboratory Services (GLS)  
**Re:** Discontinuation of Radioisotope-Based Enzyme Testing

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**Key Messages:**

Effective immediately, the GLS South Biochemical Genetics Laboratory no longer offers any enzyme testing that requires radioisotope-labelled substrates due to the infrequency with which these tests have been ordered in the past, and a need to rationalize existing resources.

**Discontinued Enzyme Tests:**

- RBC and fibroblast hypoxanthine-guanine phosphoribosyltransferase (HPRT)
- RBC adenine phosphoribosyltransferase (APRT)
- Fibroblast and T-lymphocyte 3-methylcrotonyl-CoA carboxylase
- Fibroblast and T-lymphocyte pyruvate carboxylase
- Fibroblast and T-lymphocyte propionyl-CoA carboxylase
- RBC galactokinase (GALK)

**Action Required:**

Access to the above enzyme testing will still be available through identified reference labs outside of the province. For any of the tests listed above, be aware that the sample requirements may now differ.

**Inquiries and feedback may be directed to:**

GLS South Genetic Counsellors      Phone: 403-955-3097

**This bulletin has been reviewed and approved by:**

Dr Martin Somerville, Medical/Scientific Director, GLS

Dr Carolyn O'Hara, Interim Provincial Medical Director, AHS Laboratory Services