

**Date:** November 25, 2014

**To:** North Zone, Edmonton Zone, Central Zone and Cross Cancer Institute  
Physicians, Nurses, Laboratory Directors & Managers, Oncologists and Pathologists

**From:** AHS Laboratory Services – Genetic Laboratory Services  
Molecular Pathology Laboratory – University of Alberta Hospital (UAH)

**Re:** Expanded Cancer Biomarker Testing Panel for Colorectal Cancer

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**Key Messages:**

As of Monday November 3, 2014 the Genetic Laboratory Services (GLS) Molecular Pathology Laboratory at the University of Alberta Hospital has begun to offer an expanded cancer biomarker testing panel for colorectal cancer.

**Why this is important:**

For our colorectal cancer requests, KRAS, NRAS and BRAF are now included in our expanded cancer biomarker testing panel. The new multiplex assay is capable of detecting mutations at BRAF codon 600 and KRAS/NRAS codons 12, 13, 61, 117 and 146. This expanded panel aids in the treatment decision in colorectal cancer.

**Action Required:**

Please refer to the AHS Edmonton Zone Test Directory for additional test information at:

<http://www.albertahealthservices.ca/3217.asp>

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

Dr. Iyare Izevbaye, Lab Head, Molecular Pathology Laboratory, Genetic Laboratory Services, Ph: 780.407.8025

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

Dr. Martin Somerville, Medical/Scientific Director, Genetic Laboratory Services

Dr. James Wesenberg, Provincial Medical/Scientific Director, Laboratory Services