



## LAB ALERT

**Date: November 7, 2014**

**To:** Regional Pathology Services Clientele

**From:** Regional Pathology Client Services

**RE: Discontinuation of LAP (leukocyte alkaline phosphatase) Testing**

**Test Code: LAP**

The Hematopathology Laboratory will discontinue offering leukocyte alkaline phosphatase (LAP) testing. The LAP test is a screening assay developed in the pre-cytogenetic era to screen for chronic myelogenous leukemia (CML) where it is low, and for polycythemia vera (PV) where it may be high.

The laboratory now has specific assays to screen for CML and PV and the LAP test is considered obsolete. For diagnosis of CML, qualitative RT-PCR for BCR/ABL, FISH for BCR/ABL or karyotype should be utilized. For the consideration of PV, serum erythropoietin level and JAK2 mutation analysis should be assessed.

For questions or comments regarding these changes please contact Timothy C. Greiner MD, Professor and Director of Hematopathology at (402) 559-8707, Chris North, Manager, at (402) 552-7949, or by calling the Bone Marrow Lab at (402)559-7645.

**Regional Pathology Services Client Services: 402.559.6420 or Toll free at 1-800-334-0459.**