

TEST OBSOLETE

NOTIFICATION DATE: August 16, 2010 **EFFECTIVE DATE:** September 15, 2010

Leukocyte Alkaline Phosphatase (LAP) Score #9699

EXPLANATION: With the advancement of molecular testing, a blood smear LAP score to distinguish chronic myelogenous leukemia (CML) from other myeloproliferative neoplasms and benign etiologies provides no real clinical or diagnostic value. This assay will become obsolete on September 15, 2010.

RECOMMENDED ALTERNATIVE TEST:

- If CML is a consideration, ordering #89006/ BCR/ABL, mRNA Detection, Reverse Transcription-PCR (RT-PCR), Qualitative, Diagnostic Assay on peripheral blood would be appropriate.
- If polycythemia vera (PV) or other myeloproliferative neoplasms are part of the differential diagnosis, ordering #88715/ *JAK2* V617F Mutation Detection, Blood would be appropriate.

NOTE: Additional information can be found at <u>mayomedicallaboratories.com</u> Hot Topic; *Optimizing Laboratory Testing for Hematologic Disorders Series: Leukocyte Alkaline Phosphatase (LAP) Stain.*