

**NEW TEST OFFERING REPLACING
THE LAP SCORE TEST
EFFECTIVE DECEMBER 1, 2008**

Baystate Reference Laboratories will no longer offer the LAP (leukocyte alkaline phosphatase) score test.

Alternative tests for distinguishing chronic myeloproliferative disorder from leukemoid reaction include the following:

- **BCR/ABL by RT-PCR” (Philadelphia Chromosome)** which is sensitive and specific for chronic myeloid leukemia (CML) and is negative in leukemoid reaction. (Turn around time = 10-14 days)
- **JAK 2** mutation analysis, which is present in a subset of polycythemia vera, essential thrombocythemia, and chronic idiopathic myelofibrosis and is negative in leukemoid reaction. (Turn around time =10-14 days)

Specimen requirements:

- one 5 ml lavender top tube
- available Monday – Thursday. (specimen must be received in BRL by 2pm on Thursdays)

Both tests are performed through the molecular diagnostics lab (Laboratory genetics), must be ordered on a GENETICS requisition, and please include an indication for testing (eg neutrophilia).

If you have questions please contact Vandita Johari MD or Jonathan Freeman MD at 794-4500.

Thank you for your support.