



LABORATORY ALLIANCE of Central New York, LLC

**Keppra® (Levetiracetam)
Lamictal® (Lamotrigine)**

Effective April 10, 2012, the Chemistry Department of Laboratory Alliance of Central New York will begin performing the analysis of Keppra® (levetiracetam) and Lamictal® (lamotrigine) in-house. The methodology used for both assays is a homogeneous enzyme immunoassay application on the Siemens Dimension Vista analyzer.

Levetiracetam and lamotrigine are anticonvulsants used, often in combination with other medications, to treat certain types of seizures in people with epilepsy. Levetiracetam or lamotrigine concentrations in serum can be used as an aid in the management of patients treated with these drugs.

Test Codes: **KEPPRA (levetiracetam)**
 LAMO (lamotrigine)

Method: Enzyme Immunoassay (EIA)

Specimen Requirement: 1 mL serum (minimum 0.4 mL).

- Collect in plain red top tube. Do not use gel separators.
- A steady state trough (pre-dose) sample is generally accepted as most consistent for therapeutic drug monitoring. Time of last dose should be noted on the requisition.

Stability: Once serum is separated from cells, stable 7 days at 2 to 8°C.

Schedule of testing: Monday through Friday

CPT Coding: 80299 (for either assay)

Billing Codes: 1010437 (levetiracetam)
 1010438 (lamotrigine)

For questions or concerns regarding the new test service, please contact Cheryl Haskins, Manager of Chemistry and Referral Testing, at 410-7014 or at CherylHaskins@lacny.com.

3/8/12, cmh/ah

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