



University of Colorado Hospital

ANSCHUTZ MEDICAL CAMPUS

Test Update – New In-house Assay LAMOTRIGINE (Lamictal)

Effective January 3, 2011, the University of Colorado Hospital Clinical Laboratory will begin performing Lamotrigine testing (an antiepileptic drug) by High Performance Liquid Chromatography (HPLC).

Test Code	LAMOTRIG
Test Method	HPLC
Performed	Tuesdays and Fridays
Reported	Same day
Specimen	Collect one 6 mL red top tube (no gel)
Minimum Serum Volume	0.5 mL
Stability	Serum stability after separation from cells: Ambient Serum, 1 month Refrigerated Serum, 6 weeks Frozen Serum, 6 months
Therapeutic Range	Reference range not well established - Proposed therapeutic range for seizure control: 3 - 14 µg/mL
CPT Code	82491

Please call Lorne Holland MD at 720-848-7050 if you have any questions or visit our website at <http://www.uch.edu/for-healthcare-professional/Clinical-Laboratory/index.aspx> for additional information.

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Clinical Laboratory
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