

Lamotrigine

General:

Lamotrigine (3,5-diamino-6-2,3-dichlorophenyl-1,2,4-triazine) shows fast and almost complete resorption. The excretion is renal (approx. 70%), the bioavailability is approx. 98%. Maximum plasma levels are obtained after approx. 2-3 h; the elimination half-life for adults is about 30 hours and is considerably shorter for children. Other enzyme-inducing antiepileptics shorten the half-life considerably. Lamotrigine is used as an antiepileptic drug for the additional treatment of therapy-resistant focal attacks with or without generalization and for the reduction of attack frequency and intensity. The mechanism is supposed to be the reduced release of the neurotransmitter glutamate.

Indication: Therapy monitoring

Material: 1 ml serum

TAT: 5-7 days*

Method: HPLC

Units: mg/l

Ref.- range: 3.0 – 15.0

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>