

Tegretol



Alternate Name:	Carbamazepine
Performing Lab:	New Hanover and Cape Fear
Specimen Container:	Red top tube
Minimum Volume Required:	1.0 mL
Testing Availability	Routine: 24 hours/day Stat: Yes
Turnaround Time:	Routine: 4 hours Stat: < 1 hour
Special Handling:	Draw just prior to next dose
Patient Preparation:	None
Specimen Stability:	
Reference Range:	4.0 – 12.0 ug/mL
Critical Value:	> 15.0 ug/mL
CPT Code:	80156
Testing Methodology:	Turbidimetric – Rate
Causes for Specimen Rejection:	Improper labeling
Other Comments:	
Clinical Significance:	Carbamazepine is an anticonvulsant which is structurally related to the tricyclic antidepressants and is useful in treating patients with temporal lobe epilepsy. Carbamazepine levels are monitored to assure adequate therapeutic levels are achieved and to avoid toxicity.