

Carbamazepine (Tegretol)

 Order Name: **TEGRETOL**

Test Number: 4004800

Revision Date: 04/30/2021

TEST NAME	METHODOLOGY	LOINC CODE
Carbamazepine (Tegretol)	Enzyme Immunoassay	3432-2

SPECIMEN REQUIREMENTS

Specimen	Specimen Volume (min)	Specimen Type	Specimen Container	Transport Environment
Preferred	1 mL (0.5)	Plasma	Lithium Heparin PST (Light Green Top)	Refrigerated
Alternate 1	1 mL (0.5)	Serum	Clot Activator SST	Refrigerated
Instructions	Draw before next dose. Stability: Ambient 2 days, Refrigerated 7 days, Frozen 1 month			

GENERAL INFORMATION

Testing Schedule	Daily
Expected TAT	1-2 days
Clinical Use	Useful for monitoring patients with Tegretol toxicity.
Notes	Carbamazepine and its metabolite (10,11- Carbamazepine epoxide) are widely used for control of generalized tonic-clonic, partial-onset, complex and mixed seizure disorders. The metabolism of carbamazepine in epileptic patients has several different pathways that can be altered when the patient is co-medicated with other anticonvulsants and, therefore, it's therapeutic level should be monitored along with its metabolite in their free and protein bound states.
CPT Code(s)	80156
Service Provided By	 labcorp Oklahoma, Inc.