

Pentobarbital, Serum

Test ID: PENTS

Explanation: Clarifying language and cutoff concentrations are being added to the reference value field as shown below. With this update stability will also be extended.

Current Reference Value
Therapeutic range Hypnotic: 1-5 mcg/mL Therapeutic coma: 20-50 mcg/mL Reducing intracranial pressure: 30-40 mcg/mL This degree of sedation requires artificial respiratory support. Toxic concentration: >10 mcg/mL

New Reference Value
Therapeutic range Hypnotic: 1.0-5.0 mcg/mL Therapeutic coma: 20-50 mcg/mL Reducing intracranial pressure: 30-40 mcg/mL This degree of sedation requires artificial respiratory support. Toxic concentration: >10 mcg/mL Cutoff concentrations by gas chromatography mass spectrometry: Pentobarbital: 0.5 ng/mL

Current Specimen Stability		
Specimen	Temperature	Time
Serum Red	Refrigerated (preferred)	14 days
	Ambient	14 days
	Frozen	14 days

New Specimen Stability		
Specimen	Temperature	Time
Serum Red	Refrigerated (preferred)	28 days
	Ambient	28 days
	Frozen	28 days

Questions

Contact Mayo Clinic Laboratories, Laboratory Resource Coordinator at 800-533-1710.