

PHENOBARBITAL,
SERUM

Orderable - PHENO

Turnaround Time: 24 hours

STAT: 1 hour

Alternate Name(s):

Anticonvulsant
Luminal
Phenobarbitone

Specimen:

Adult	Pediatric
6 mL Red top Vacutainer tube	0-2 years: 0.5 mL Red top Microtainer 2-10 years: 4 mL Red top Vacutainer tube
Green and gold top Vacutainers with separator gels are not acceptable.	

Collection Information:

Collect blood aseptically in a Vacutainer tube.

Minimum volume of blood required for a pediatric sample is 0.5 mL.

Reference Ranges:

Adult:	<18 years old:
65-172 µmol/L	65-110 µmol/L
Toxic: >215 µmol/L	

Interpretive Comments:

CRITICAL VALUE to be phoned to Nurse or Physician immediately:



Laboratory:
Core Lab



Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzyme immunoassay
(EIA)



Test Schedule:
As required



PHENOBARBITAL,
SERUM

Comments:

Long acting barbiturate with anticonvulsant, sedative-hypnotic properties. Because Primidone (Mysoline) is partially metabolized to phenobarbital, it is measured together with Primidone.