

PHENOBARBITAL,
SERUM/
PLASMA

Orderable - PHENO

Turn Around Time: 24 hours

STAT: 1 hour

Alternate Name(s):

Anticonvulsant
Luminal
Phenobarbitone

Specimen:

Adult	Pediatric
4.5 mL Green (Lithium Heparin) top Vacutainer tube	0-2 years: 0.5 mL Green top Microtainer 2-10 years: 2 mL Green top tube
Serum from a 5 mL Gold top or 6 mL Red top Vacutainer tube is also 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:

Comments:



Laboratory:
Core Lab



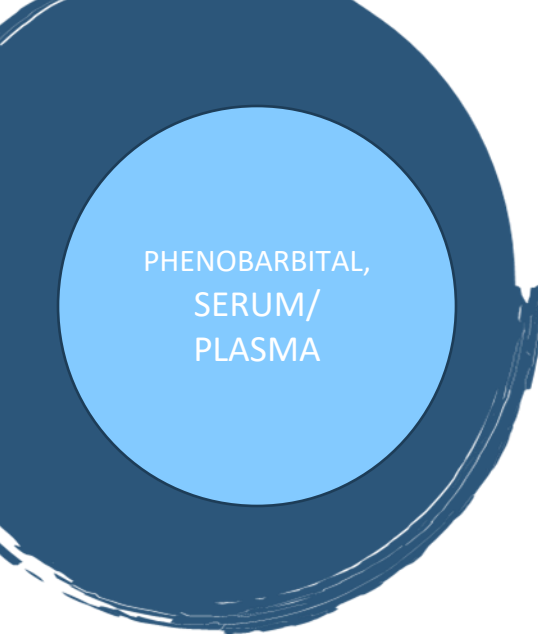
Requisition:
GENERAL LABORATORY
REQUISITION



Method of Analysis:
Enzyme immunoassay
(EIA)



Test Schedule:
As required



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