

# Phenobarbital

## General:

Phenobarbital is part of the long-term effective barbiturates. It is slowly but completely resorbed by the intestinal tract. It is bound to plasma protein to 50% and its half-life is 3-4 days. Phenobarbital is effective as antiepileptic drug in focal attacks and in grandmal attacks by inhibiting the release of neurotransmitter substances, by stabilization of the neuronal membrane and by supporting the inhibiting effect of gamma-amino butyric acid.

The following test is available:

- **Phenobarbital in serum**

Material: 1 ml serum

TAT: 7-10 days\*

Method: HPLC

Units: mg/l

Ref.- range: 10.0 - 40.0

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit  
<http://www.fml-dubai.com/parameter-listings/>