

Pregnenolone

General:

Pregnenolone is a derivative of pregnane (C21-Steroids). Pregnenolone circulates in its water-soluble form as pregnenolone-sulfate. It is the basic constituent for many steroid-hormones and is produced mainly in the adrenal gland though it is also produced in the brain, the liver, the skin, the testes, the ovaries and in the retina. The highest pregnenolone-level is observed in adolescence. In the second decade of life the concentration of pregnenolone is steadily declining. Pregnenolone has been described to show neuro-stimulating and anti-inflammatory functions.

The following tests are available:

- **Pregnenolone sulfate**

Material: 1 ml serum

TAT: 10-114 days*

Method: LCMS

Units: µg/l

Ref.- range: 15.0 - 90.0

- **17-hydroxy pregnenolone**

Material: 1 ml serum

TAT: 2-3 weeks*

Method: RIA

Units: ng/dl

Ref.- range: see report

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