

# Urea

## General:

Urea is the final product of the protein and amino acid metabolism and is formed in the liver. During proteolysis the proteins are biotransformed and deaminated into amino acids. The resulting ammonia is incorporated into urea (urea cycle in mitochondria). The secretion is predominantly via the kidneys by glomerular filtration.

The following tests are available:

- **Urea in serum**

Indication: Diagnosis and monitoring of renal insufficiency.

Material: 1 ml serum

Stability: 7 days at 2 to 8°C

TAT: same day, FML

Method: photometric

Units: mg/dl

Ref.- range: see report

- **Urea in urine**

Material: 10 ml urine

Stability: 7 days at 2 to 8°C

TAT: same day, FML

Method: photometric

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