

Cystine

General:

The formation of cystine stones in patients with recessive homozygous cystinuria is promoted by the high concentration of the essential amino acid cystine in urine, which is a result of absent reabsorption by the kidney. Cystine stones are formed if the concentration exceeds the saturation level. The excess precipitates form crystals, which then aggregate to stones.

Indication: cystine stones, cystinuria

Material: 10 ml urine, **frozen**

TAT: 2 weeks*

Method: photometric measurement

Units: $\mu\text{mol/l}$

Ref.- range: adult : < 1250

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