

Trypsin

General:

Trypsin is a proteolytic enzyme consisting of 201 amino acids. It is synthesized in acinus cells of the exocrine pancreas as inactive trypsinogen. Enterokinases catalyze the activation to trypsin which hydrolyzes food proteins in the small intestine. In case of inflammatory pancreas processes higher concentrations of trypsin are found in blood due to membrane damages of the acinus cells.

The following test is available:

- **Trypsin in serum**

Indication: acute, chronic or recurrent pancreatitis, pancreas carcinoma, cystic pancreas fibrosis.

Material: 1 ml serum

Stability: 2 – 8°C : 3 days , -20°C: > 1 month , Avoid repeated freezing and thawing

TAT: 7-10 days*

Method: RIA

Units: ng/ml

Ref.- range: 160-600

- **Trypsin in stool (See Pancreatic Elastase 1 in feaces)**

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