Alpha galactosidase

General:

α-Galactosidase (also Melibidase) is the enzyme which catalyzes the hydroly-sis of the glycosidic linkage of α-Galactopyranosides. The enzyme is found in lysosomes. If the enzyme levels are decreased, glycosphingolipids accumulate in lysosomes. This could result in cell death. Genetically, deficiency of α-galactosidase is defined by an X-linked recessive disorder (Fabry´s disease). It belongs to the group of lysosomal storage diseases.

The following tests are available:

- **alpha-Galactosidase in blood**

Material: 2 ml serum,**frozen**
TAT: 7-10 days*
Method: photometry
Units: nmol/h/ml
Ref.-range: 3.4 - 13.0

- **alpha-Galactosidase in leukocytes**

Material: dried blood spots on filter card
TAT: 10-14 days*
Method: enzymatic test

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

Updated 21/06/2020