

Malondialdehyde

General:

Our oxidation protection is affected by a number of factors (ionizing, radiation, carcinogens, heavy metals etc.), especially by free radicals. Changes in the lipid-peroxidation-oxidation protection increase the formation of malondialdehyde (MDA). This aldehyde can damage cells. Malondialdehyde is a final reduction product and therefore an important marker for the lipid peroxidation of multiple nonsaturated fatty acids.

Indication: Early diagnosis of atherosclerosis risk, marker for oxidative stress, therapy control during treatment with antioxidants

Material: 1 ml EDTA Plasma

TAT: 7-10 days*

Method: HPLC

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

Ref.- range: <0.50

Note: see also **Oxidation status**

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