CREATIVE BIOMART®
Assay Kit

Malondialdehyde (MDA) Content Assay Kit

Product Information

Product Overview

Reactive oxygen species induce lipid peroxidation of unsaturated fatty acids, producing lipid peroxides that degrade into malondialdehyde (MDA). Detection of MDA provides an index of lipid oxidative damage.
MDA condenses with thiobarbituric acid under acidic, high-temperature conditions to form a colored product with a characteristic absorbance peak at 532 nm, allowing colorimetric quantification.

Size

100t/96s

Storage

Store at 2–8 °C. Shelf life: 6 months.

Detection method Spectrophotometer/Microplate Reader

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