

General Lipid Peroxidation (MDA) Assay Kit

Malondialdehyde Microplate Assay Kit

CATALOG # AAA17852	REACTIVITY General	APPLICATIONS Functional Assay
------------------------------	------------------------------	---

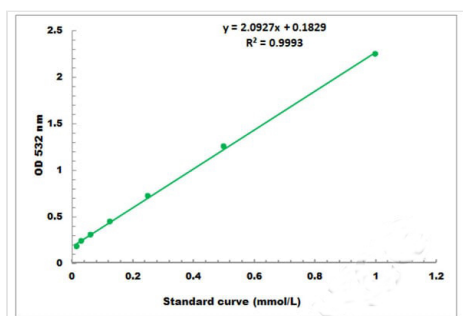
PRODUCT SYNONYMS

Lipid Peroxidation (MDA); Malondialdehyde Microplate Assay Kit; Lipid Peroxidation (MDA) assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media and Other biological fluids Samples
Detection Range	0.01 mmol/L - 1 mmol/L
Applicable Applications for Lipid Peroxidation (MDA) assay kit	FA (Functional Assay)
Preparation and Storage	Shipped and store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Lipid Peroxidation (MDA) assay kit

Background: Quantification of lipid peroxidation is essential to assess oxidative stress in pathophysiological processes. Lipid peroxidation forms Malondialdehyde (MDA) and 4-hydroxynonenal (4-HNE), as natural bi-products. Measuring the end products of lipid peroxidation is one of the most widely accepted assays for oxidative damage. MDA Microplate Assay Kit provides a convenient tool for sensitive detection of the MDA in a variety of samples. The MDA in the sample is reacted with Thiobarbituric Acid (TBA) to generate the MDA-TBA adduct. The MDA-TBA adduct can be easily quantified colorimetrically ($\lambda = 532 \text{ nm}$).

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.