

General TBARS Assay Kit | TBARS assay kit

TBARS Microplate Assay Kit

CATALOG # AAA263947	REACTIVITY General	APPLICATIONS Functional Assay
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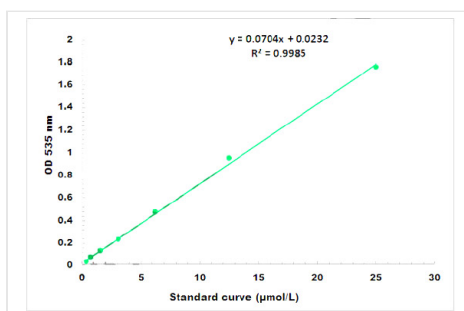
PRODUCT SYNONYMS

TBARS; TBARS Microplate Assay Kit; Thiobarbituric Acid Reactive Substances; TBARS assay kit

PRODUCT SPECIFICATIONS

Reactivity	General
Samples	Urine, Serum, Plasma, Tissue extracts, Cell lysate, Cell culture media, Other biological fluids Samples
Detection Range	0.5 umol/L - 25 umol/L
Applicable Applications for TBARS assay kit	FA (Functional Assay)
Preparation and Storage	Store at 4 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TBARS assay kit

Background: Oxidative attack of essential cell components by reactive oxygen species has been associated with several human diseases, such as atherosclerosis, cardiovascular diseases, diabetes, liver disorders, and inflammatory rheumatic diseases. Thiobarbituric Acid Reactive Substances (TBARS) are low-molecular-weight end products (mainly malondialdehyde, MDA) that are formed during the decomposition of lipid peroxidation products. Increased levels of TBARS have been demonstrated in these diseases TBARS Microplate Assay Kit is a sensitive assay for determining TBARS concentration in various samples. TBARS concentration is based on the reaction of TBARS with thiobarbituric acid (TBA) to form a pink colored product. The color intensity at 535 nm is directly proportional to TBARS concentration in the sample.

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.