

Malondialdehyde (MDA) Colorimetric Assay Kit (TBA Method)

Cat No: HR3BC1116

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Spectrophotometer(532 nm)
Assay Time	90 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue
Synonyms	MDA
Instrument	Spectrophotometer(532 nm)
Detection Principle	MDA in the catabolite of lipid peroxide can react with thiobarbituric acid (TBA) and produce red compound, which has a maximum absorption peak at 532 nm.
Reagents	Normal saline (0.9% NaCl) or PBS (0.01 M, pH 7.4), Glacial acetic acid (analytical reagent, acetic acid concentration ?99.5%), Absolute ethanol
Labware	Micropipettor, Vortex mixer, Incubator, Centrifuge
Size	100Assays
Sensitivity	0.38 nmol/mL
Detection Range	0.38-133.33 nmol/mL
Recovery Rate	101