

Malondialdehyde (MDA) Colorimetric Assay Kit (TBA Method)

Cat No: HR3BC1199

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(530-540 nm,optimum wavelength: 532 nm)
Assay Time	65 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue
Synonyms	MDA
Instrument	Microplate reader(530-540 nm,optimum wavelength: 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, Magnetic Stirrers
Size	96T
Sensitivity	1.13 μmol/L
Detection Range	2.92-40 μmol/L
Recovery Rate	97.8