

Malondialdehyde (MDA) Colorimetric Assay Kit (Plant Samples)

Cat No: HR3BC1117

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(525-535 nm)
Assay Time	65 min
Validity	6
Assay Type	Quantitative
Sample Type	Plant tissue
Synonyms	MDA
Instrument	Microplate reader(525-535 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	Absolute ethanol
Labware	Micropipettor, Vortex mixer, Incubator, Centrifuge
Size	96T
Sensitivity	0.52 ?mol/L
Detection Range	0.52-120 ?mol/L
Recovery Rate	95