

Thiobarbituric Acid Reactants (TBARS) Colorimetric Assay Kit

Cat No: HR3BC1203

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(530-540 nm)
Assay Time	80 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue
Synonyms	TBARS
Instrument	Microplate reader(530-540 nm)
Detection Principle	TBARS and TBA can react under high temperature and acid conditions and then form a pink compound, the concentration of which is linearly related to the concentration of TBARS in the sample. The TBARS concentration can be calculated by measuring the OD values at 530-540 nm.
Reagents	Acetic acid, Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Vortex mixer, Micropipettor, Water bath
Size	96T
Sensitivity	0.85 ?mol/L
Detection Range	2.6-100 ?mol/L
Recovery Rate	100.9