

# Thiobarbituric Acid Reactants (TBARS) Fluorometric Assay Kit

Cat No: HR3BC1204

For research use only

## Overview

Detection Method	Fluorescence method
Storage	2-8?
Instrument	Fluorescent Microplate reader(?ex/em = 520 nm/550 nm)
Assay Time	80 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,animal tissue,cells
Synonyms	TBARS
Instrument	Fluorescent Microplate reader(?ex/em = 520 nm/550 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 fluorescence values at the excitation wavelength of 530 nm and the emission wavelength of 550 nm.
Reagents	Acetic acid, Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Vortex mixer, Water bath, Micropipettor
Size	96T
Sensitivity	0.09 ?mol/L
Detection Range	0.09-10 ?mol/L
Recovery Rate	95.7