

Lipid Peroxide (LPO) Colorimetric Assay Kit

Cat No: HR3BC1144

For research use only

Overview

Detection Method	Colorimetric method
Storage	2-8?
Instrument	Microplate reader(580-590 nm)
Assay Time	90 min
Validity	6
Assay Type	Quantitative
Sample Type	Serum,plasma,urine,tissue
Synonyms	LPO
Instrument	Microplate reader(580-590 nm)
Detection Principle	With 45? incubation for 60 min, one molecule of LPO react with two molecule of chromogenic reagent, to produce a stable chromophore which have the maximum absorption peak at 586nm. The content of LPO in samples can be calculated by standard curve or calculation formula.
Reagents	Normal saline (0.9% NaCl), PBS (0.01 M, pH 7.4)
Labware	Water bath, Centrifuge, Micropipettor, Vortex mixer
Size	96T
Sensitivity	0.70 ?mol/L
Detection Range	0.70-80 ?mol/L
Recovery Rate	99