



## Malondialdehyde Content Assay kit

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Oxygen free radicals act on the unsaturated fatty acids of lipids to produce lipid peroxides; the latter gradually decomposes into a series of complex compounds, including MDA. The level of lipid oxidation can be detected by detecting the level of MDA.

MDA is condensed with thiobarbituric acid (TBA) to produce a red product with a maximum absorption peak at 532nm. After colorimetry, the content of lipid peroxide in the sample can be estimated; the absorbance at 600nm is measured at the same time, The difference in absorbance between 532nm and 600nm was used to calculate the MDA content.

Catalog No.	250002
Size	50 Assays / 100 Assays
Product Category	Colorimetric Assay
Detection Method	Visible spectrophotometry
Storage/Stability	2 ~ 8°C/1 year
Shipping	Gel Packs