

## Malondialdehyde (MDA) Assay Kit | MDA assay kit

Malondialdehyde (MDA) Fluorometric Assay Kit

CATALOG #  
**AAA178635**

### PRODUCT SYNONYMS

Malondialdehyde (MDA); Malondialdehyde (MDA) Fluorometric Assay Kit; MDA assay kit

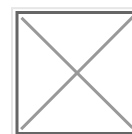
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                          |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Assay Type              | Quantitative                                                                                                                                                                                                                             |
| Samples                 | serum, plasma, animal tissue, and cell                                                                                                                                                                                                   |
| Detection Range         | 0.04-10 umol/L                                                                                                                                                                                                                           |
| Sensitivity             | 0.04 umol/L                                                                                                                                                                                                                              |
| Detection Method        | Fluorescence method                                                                                                                                                                                                                      |
| Detection Instrument    | Fluorescence Microplate reader                                                                                                                                                                                                           |
| Assay Time              | 80 min                                                                                                                                                                                                                                   |
| Research Area           | Oxidative Stress                                                                                                                                                                                                                         |
| Test Principle          | MDA in the catabolite of lipid peroxide can react with thiobarbituric acid (TBA) and produce red compound, which is proportional to the fluorescence intensity at the excitation wavelength of 520 nm and emission wavelength of 550 nm. |
| Precision               | Inter Assay CV: 4.5-7.0%<br>Intra Assay CV: 2.3-4.3%                                                                                                                                                                                     |
| Preparation and Storage | This product can be stored at 2~8 degree C for 12 months with shading light.<br>Ship: Ice bag                                                                                                                                            |

### IMAGES



Application Data



Standard Curve (Sample)

### ADDITIONAL INFORMATION

Product Categories/Family for MDA assay kit

Metabolism Assay; Cell Metabolism Assays; Oxidative Stress

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.