

General Malondialdehyde (MDA) RTU ELISA Kit | MDA rtu elisa kit

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CATALOG #
AAA219577

REACTIVITY
General

PRODUCT SYNONYMS

Malondialdehyde (MDA); General Malondialdehyde (MDA) ELISA Kit; MDA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of MDA. No significant cross-reactivity or interference between MDA and analogues was observed.
Assay Type	Quantitative Competitive
Samples	General serum, plasma or other biological fluids
Detection Range	31.2-2000pmol/mL
Sensitivity	< 10.2nmol/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MDA were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MDA were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for MDA rtu elisa kit

Principle of the Assay: This assay employs the competitive enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to MDA. Standards or samples are then added to the appropriate microtiter plate wells with a Horseradish Peroxidase (HRP)-conjugated MDA and incubated. The competitive inhibition reaction is launched between with HRP labeled MDA and unlabeled MDA with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of MDA in the sample. The color development is stopped and the intensity of the color is measured.

Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of MDA in general serum, plasma or other biological fluids.

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.

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Online datasheet: <https://www.aaabiotech.com/general-rtu-elisa-kits/malondialdehyde-mda/219577>