

General Malondialdehyde ELISA Kit | MDA elisa kit

General species Malondialdehyde (MDA) (Competitive ELISA) Mini sample ELISA Kit

CATALOG #
AAA189902

REACTIVITY
General

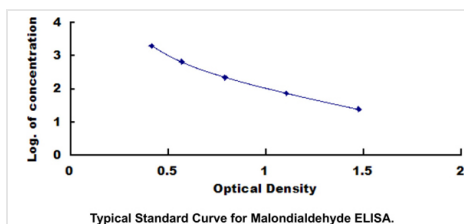
PRODUCT SYNONYMS

Malondialdehyde; General species Malondialdehyde (MDA) (Competitive ELISA) Mini sample ELISA Kit; Mini Samples ELISA Kit for Malondialdehyde (MDA); MDA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This assay has high sensitivity and excellent specificity for detection of malondialdehyde. No significant cross-reactivity or interference between malondialdehyde and analogues was observed.
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	24.69-2,000ng/mL
Sensitivity	< 8.93ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level malondialdehyde 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 malondialdehyde were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MDA elisa kit	Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to malondialdehyde has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled malondialdehyde and unlabeled malondialdehyde (Standards or samples) with the pre-coated antibody specific to malondialdehyde. After incubation the unbound conjugate is washed off. Next, avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of malondialdehyde in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of malondialdehyde in the sample. Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of malondialdehyde in serum, plasma and other biological fluids.
Product Categories/Family for MDA elisa kit	Metabolic pathway

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/mda-general-elisa-kits/malondialdehyde/189902>