

Mouse Myo Inositol Oxygenase (MIOX) ELISA Kit | MIOX elisa kit

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CATALOG #
AAA147875

REACTIVITY
Mouse

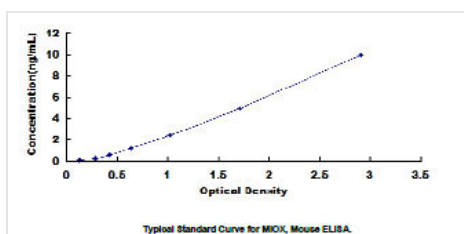
PRODUCT SYNONYMS

Myo Inositol Oxygenase (MIOX); Mouse Myo Inositol Oxygenase (MIOX) ELISA Kit; MIOX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MIOX. No significant cross-reactivity or interference between MIOX and analogues was observed.
Samples	Tissue homogenates, cell lysates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.063ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MIOX 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 MIOX were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MIOX elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MIOX in mouse tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MIOX. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MIOX. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MIOX, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of MIOX in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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://stage.aaabiotech.com/mouse-elisa-kits/myo-inositol-oxygenase-miox/147875>