

Mouse Monoamine Oxidase ELISA Kit | MAO elisa kit

Mouse Monoamine Oxidase ELISA Kit

CATALOG # AAA16563	REACTIVITY Mouse
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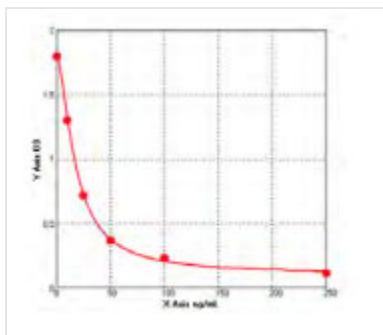
PRODUCT SYNONYMS

Monoamine Oxidase; Mouse Monoamine Oxidase ELISA Kit; MAO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of MAO. No significant cross-reactivity or interference between MAO and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the y detection between MAO and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAO elisa kit	Principle of the Assay: MAO ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MAO antibody and an MAO-HRP conjugate. The assay sample and buffer are incubated together with MAO-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the MAO concentration since MAO from samples and MAO-HRP conjugate compete for the anti-MAO antibody binding site. Since the number of sites is limited, as more sites are occupied by MAO from the sample, fewer sites are left to bind MAO-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAO concentration in each sample is interpolated from this standard curve. Intended Uses: This MAO ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
Product Categories/Family for MAO elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	373479207
NCBI Accession #	ZP_09570020.1
NCBI GenBank Nucleotide #	NZ_AGRX01000106.1

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/mao-mouse-elisa-kits/monoamine-oxidase/16563>