

Monkey Monoamine oxidase A ELISA Kit | MAOA elisa kit

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CATALOG #
AAA95964

REACTIVITY
Monkey

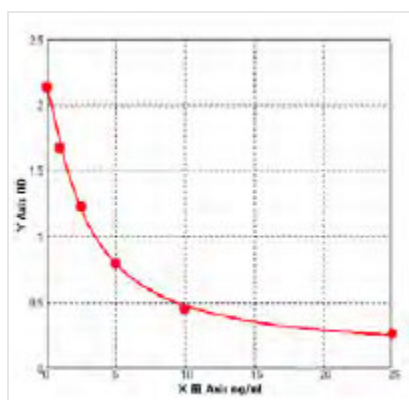
PRODUCT SYNONYMS

Monoamine oxidase A; Monkey Monoamine oxidase A ELISA Kit; MAOA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAOA elisa kit

Intended Uses: This MAOA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MAOA. This ELISA kit for research use only!

Principle of the Assay: MAOA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MAOA antibody and an MAOA-HRP conjugate. The assay sample and buffer are incubated together with MAOA-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 MAOA concentration since MAOA from samples and MAOA-HRP conjugate compete for the anti-MAOA antibody binding site. Since the number of sites is limited, as more sites are occupied by MAOA from the sample, fewer sites are left to bind MAOA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MAOA concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4262061
NCBI GeneID	4128
Molecular Weight	44,848 Da
NCBI Official Full Name	monoamine oxidase A, partial
NCBI Official Synonym Full Names	monoamine oxidase A
NCBI Official Symbol	MAOA
NCBI Official Synonym Symbols	MAO-A
NCBI Protein Information	amine oxidase [flavin-containing] A; amine oxidase [flavin-containing] A; monoamine oxidase type A
UniProt Protein Name	Amine oxidase [flavin-containing] A
UniProt Gene Name	MAOA
UniProt Synonym Gene Names	MAO-A
UniProt Entry Name	AOFA_HUMAN

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/maoa-monkey-elisa-kits/monoamine-oxidase-a/95964>