

Goat Monoamine Oxidase ELISA Kit | MAO elisa kit

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CATALOG #
AAA92752

REACTIVITY
Goat

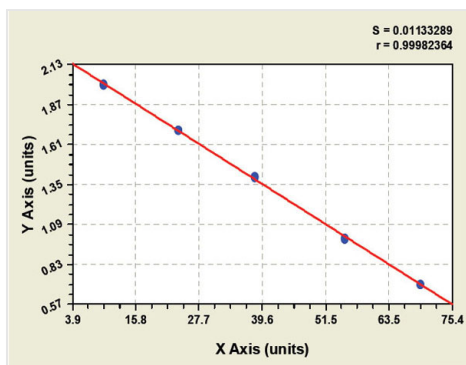
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 U/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

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

Principle of the Assay: MAO ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal 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.

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
NCBI Official Full Name	Monoamine oxidase

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-goat-elisa-kits/monoamine-oxidase/92752>