

Canine Monoamine Oxidase ELISA Kit | MAO elisa kit

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CATALOG #
AAA91963

REACTIVITY
Canine

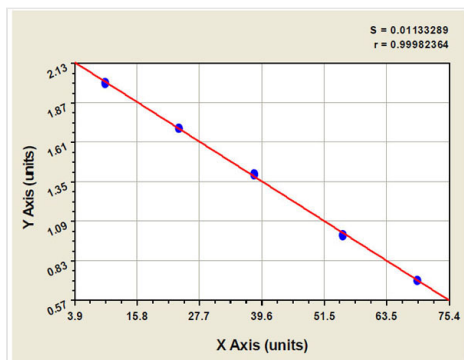
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1.0-25ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This MAO ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine MAO. This ELISA kit for research use only, not for therapeutic applications!
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 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

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-canine-elisa-kits/monoamine-oxidase/91963>