

Mouse Kynurenine 3-monooxygenase ELISA Kit | Kmo elisa kit

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CATALOG #
AAA192160

REACTIVITY
Mouse

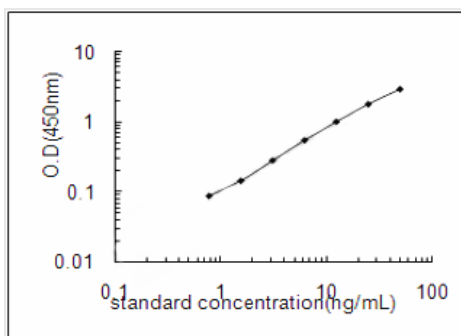
PRODUCT SYNONYMS

Kynurenine 3-monooxygenase; Mouse Kynurenine 3-monooxygenase ELISA Kit; Kynurenine 3-hydroxylase; Kmo; 1.14.13.9; Kmo elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Kynurenine 3-monooxygenase. No significant cross-reactivity or interference was observed.
Sequence Length	479
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.41 ng/mL
Intra-Assay CV	<=4.5%
Inter-Assay CV	<=6.9%
Recovery	101%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Kmo elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of mouse Kynurenine 3-monooxygenase concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Kynurenine 3-monooxygenase. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Kynurenine 3-monooxygenase and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Kynurenine 3-monooxygenase, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Kynurenine 3-monooxygenase in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19527030
NCBI GeneID	98256
NCBI Accession #	NP_598570.1
NCBI GenBank Nucleotide #	NM_133809.1
UniProt Accession #	Q91WN4
Molecular Weight	50,396 Da
NCBI Official Full Name	kynurenine 3-monooxygenase
NCBI Official Synonym Full Names	kynurenine 3-monooxygenase (kynurenine 3-hydroxylase)
NCBI Official Symbol	Kmo
NCBI Official Synonym Symbols	AI046660
NCBI Protein Information	kynurenine 3-monooxygenase
UniProt Protein Name	Kynurenine 3-monooxygenase
UniProt Gene Name	Kmo
UniProt Entry Name	KMO_MOUSE

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/kmo-mouse-elisa-kits/kynurenine-3-monooxygenase/192160>