

Monkey MAP kinase phosphatase 1 ELISA Kit | MKP-1 elisa kit

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CATALOG #
AAA95456

REACTIVITY
Monkey

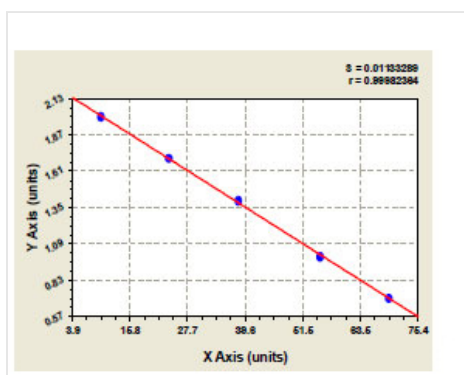
PRODUCT SYNONYMS

MAP kinase phosphatase 1; Monkey MAP kinase phosphatase 1 ELISA Kit; MKP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Competitive (Quantitative)
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for MKP-1 elisa kit

Intended Uses: This MKP-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MKP-1. This ELISA kit for research use only!

Principle of the Assay: MKP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-MKP-1 antibody and an MKP-1-HRP conjugate. The assay sample and buffer are incubated together with MKP-1-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 MKP-1 concentration since MKP-1 from samples and MKP-1-HRP conjugate compete for the anti-MKP-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MKP-1 from the sample, fewer sites are left to bind MKP-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MKP-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	158275088
Molecular Weight	19,680 Da
NCBI Official Full Name	MAP kinase phosphatase 1, partial
UniProt Protein Name	MAP kinase phosphatase 1
UniProt Gene Name	MKP1
UniProt Synonym Gene Names	CHLREDRAFT_44775
UniProt Entry Name	A8J529_CHLRE

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/mkp-1-monkey-elisa-kits/map-kinase-phosphatase-1/95456>