

Monkey Midkine ELISA Kit | MK elisa kit

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CATALOG #
AAA93526

REACTIVITY
Monkey

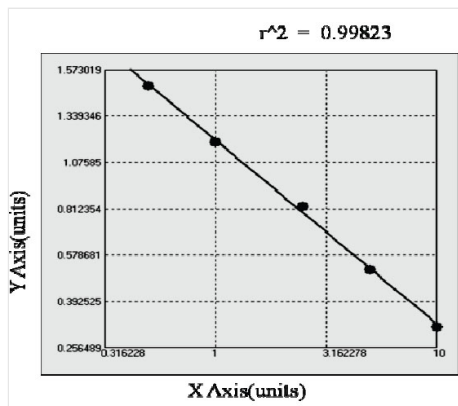
PRODUCT SYNONYMS

Midkine; Monkey Midkine ELISA Kit; MK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MK elisa kit	Intended Uses: This MK ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MK. This ELISA kit for research use only! Principle of the Assay: MK ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MK antibody and an MK-HRP conjugate. The assay sample and buffer are incubated together with MK-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 MK concentration since MK from samples and MK-HRP conjugate compete for the anti-MK antibody binding site. Since the number of sites is limited, as more sites are occupied by MK from the sample, fewer sites are left to bind MK-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MK concentration in each sample is interpolated from this standard curve.
Product Categories/Family for MK elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	59894796
NCBI GeneID	4192
NCBI Accession #	NP_001012333.1
NCBI GenBank Nucleotide #	NM_001012333.2
Molecular Weight	9,512 Da
NCBI Official Full Name	midkine isoform a
NCBI Official Synonym Full Names	midkine (neurite growth-promoting factor 2)
NCBI Official Symbol	MDK
NCBI Official Synonym Symbols	MK; ARAP; NEGF2
NCBI Protein Information	midkine; retinoic acid inducible factor; amphiregulin-associated protein; midgestation and kidney protein; neurite outgrowth-promoting factor 2
UniProt Protein Name	Midkine
UniProt Gene Name	MDK
UniProt Synonym Gene Names	MK1; NEGF2; MK; ARAP
UniProt Entry Name	MK_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.