

Mouse midkine (neurite growth-promoting factor 2) ELISA Kit | MDK elisa kit

Mouse Midkine, MDK ELISA Kit

CATALOG # AAA112329	REACTIVITY Mouse
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PRODUCT SYNONYMS

midkine (neurite growth-promoting factor 2); Mouse Midkine; MDK ELISA Kit; Mouse Midkine (MDK) ELISA kit; FLJ27379; MK; NEGF2; OTTHUMP00000197041; OTTHUMP00000197042; OTTHUMP00000197045; midkine; MDK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse MDK. No significant cross-reactivity or interference between mouse MDK and analogues was observed.
Sequence Length	140
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

ADDITIONAL INFORMATION

Related Product Information for MDK elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MDK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MDK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MDK is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MDK bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	59894790
NCBI GeneID	17242
NCBI Accession #	NP_001012335.1
NCBI GenBank Nucleotide #	NM_001012335.2
UniProt Accession #	P12025

Molecular Weight	15,434 Da
NCBI Official Full Name	midkine isoform a
NCBI Official Synonym Full Names	midkine
NCBI Official Symbol	Mdk
NCBI Official Synonym Symbols	MK; Mek
NCBI Protein Information	midkine; retinoic acid-responsive protein; retinoic acid-induced differentiation factor
UniProt Protein Name	Midkine
UniProt Gene Name	Mdk
UniProt Synonym Gene Names	Mk; MK
UniProt Entry Name	MK_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://www.aaabiotech.com/mdk-mouse-elisa-kits/midkine-neurite-growth-promoting-factor-2/112329>