

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

Human Midkine, MK ELISA Kit

CATALOG #
AAA80669

REACTIVITY
Human

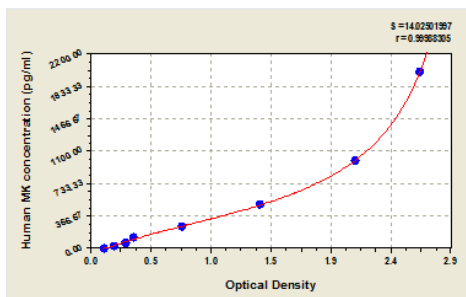
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human MK. No significant cross-reactivity or interference between human MK and analogues was observed.
Sequence Length	143
Samples	Serum, plasma, tissue homogenates.
Assay Type	Sandwich
Detection Range	31.25 pg/ml -2000 pg/ml.
Sensitivity	7.8 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.

IMAGES



Standard Curve (Sample)

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 MK has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MK present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MK 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 MK 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 #	59894796
NCBI GeneID	4192
NCBI Accession #	NP_001012333.1
NCBI GenBank Nucleotide #	NM_001012333.2
UniProt Accession #	P21741; Q2LEK4; Q9UCC7
Molecular Weight	15,585 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.

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Online datasheet: <https://www.aaabiotech.com/mdk-human-elisa-kits/midkine-neurite-growth-promoting-factor-2/80669>