

Human Midkine (MK) ELISA Kit | MK elisa kit

Human Midkine (MK) ELISA Kit

CATALOG #
AAA331828

REACTIVITY
Human

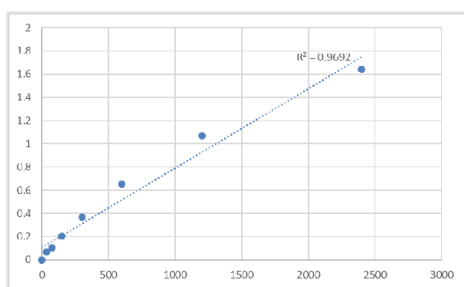
PRODUCT SYNONYMS

Midkine (MK); Human Midkine (MK) ELISA Kit; MDK; FLJ27379; MK; NEGF2; OTTHUMP00000197041; OTTHUMP00000197042; OTTHUMP00000197045; midkine; MK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Midkine (MK) ELISA Kit has high sensitivity and excellent specificity for detection of Human MDK. No significant cross-reactivity or interference between Human MDK and analogues was observed.
Sequence Length	143
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Midkine (MK) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MK elisa kit	Description: This Human Midkine (MK) ELISA Kit employs a two-site sandwich ELISA to quantitate MDK in samples. An 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, Streptavidin 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. Background: MK encodes a member of a small family of secreted growth factors that binds heparin and responds to retinoic acid. Midkine promotes cell growth, migration, and angiogenesis, in particular during tumorigenesis. MK has been targeted as a therapeutic for a variety of different disorders. Alternatively spliced transcript variants encoding multiple isoforms have been observed.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	396080281
NCBI GeneID	4192
NCBI Accession #	NP_001257480.1
NCBI GenBank Nucleotide #	NP_001257480.1
UniProt Accession #	P21741
NCBI Official Full Name	midkine isoform a
NCBI Official Synonym Full Names	midkine
NCBI Official Symbol	MDK
NCBI Official Synonym Symbols	MK; ARAP; NEGF2
NCBI Protein Information	midkine
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.