

Human Misshapen-Like Kinase 1 (MINK1) ELISA Kit | MINK1 elisa kit

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CATALOG #
AAA331766

REACTIVITY
Human

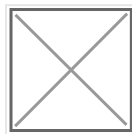
PRODUCT SYNONYMS

Misshapen-Like Kinase 1 (MINK1); Human Misshapen-Like Kinase 1 (MINK1) ELISA Kit; MINK1; B55; MAP4K6; MGC21111; MINK; YSK2; ZC3; hMINK; hMINKbeta; GCK family kinase MINK; misshapen-like kinase 1; misshapen/NIK-related kinase; serine/threonine protein kinase; MINK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Misshapen-like kinase 1 (MINK1) ELISA Kit has high sensitivity and excellent specificity for detection of Human MINK1. No significant cross-reactivity or interference between Human MINK1 and analogues was observed.
Sequence Length	1312
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 Misshapen-like kinase 1 (MINK1) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for MINK1 elisa kit	Description: This Human Misshapen-like kinase 1 (MINK1) ELISA Kit employs a two-site sandwich ELISA to quantitate MINK1 in samples. An antibody specific for MINK1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MINK1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MINK1 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 MINK1 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: MINK1 encodes a serine/threonine kinase belonging to the germinal center kinase (GCK) family. The protein is structurally similar to the kinases that are related to NIK and may belong to a distinct subfamily of NIK-related kinases within the GCK family. Studies of the mouse homolog indicate an up-regulation of expression in the course of postnatal mouse cerebral development and activation of the cJun N-terminal kinase (JNK) and the p38 pathways.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	68161546
NCBI GeneID	50488
NCBI Accession #	NP_001020108.1
NCBI GenBank Nucleotide #	NP_001020108.1
UniProt Accession #	Q8N4C8
NCBI Official Full Name	misshapen-like kinase 1 isoform 4
NCBI Official Synonym Full Names	misshapen like kinase 1
NCBI Official Symbol	MINK1
NCBI Official Synonym Symbols	B55; ZC3; MINK; YSK2; MAP4K6
NCBI Protein Information	misshapen-like kinase 1
UniProt Protein Name	Misshapen-like kinase 1
UniProt Gene Name	MINK1
UniProt Synonym Gene Names	B55; MAP4K6; MINK; YSK2; ZC3; MEK kinase kinase 6; MEKKK 6
UniProt Entry Name	MINK1_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://stage.aaabiotech.com/human-elisa-kits/misshapen-like-kinase-1-mink1/331766>