

Human Mitogen-activated Protein Kinase 8 ELISA Kit | Mapk8 elisa kit

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CATALOG #
AAA122988

REACTIVITY
Human

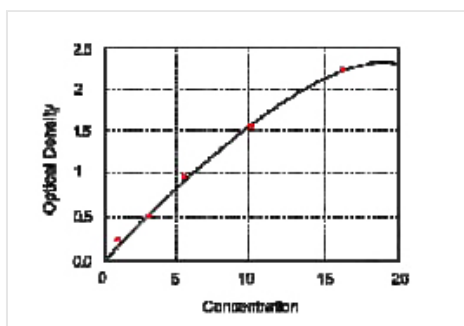
PRODUCT SYNONYMS

Mitogen-activated Protein Kinase 8; Human Mitogen-activated Protein Kinase 8 ELISA Kit; Mapk8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	427
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml-20ng/ml
Sensitivity	0.015ng/ml
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mapk8 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Mitogen Activated Protein Kinase 9 (also known as MAPK9) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human MAPK9 antibody. MAPK9 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human MAPK9 Antibody is added and binds to MAPK9 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAPK9 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human MAPK9. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	694879445
NCBI GeneID	116554
NCBI Accession #	NP_446281.2
NCBI GenBank Nucleotide #	NM_053829.2
UniProt Accession #	P49185
NCBI Official Full Name	mitogen-activated protein kinase 8
NCBI Official Synonym Full Names	mitogen-activated protein kinase 8
NCBI Official Symbol	Mapk8
NCBI Official Synonym Symbols	JNK
NCBI Protein Information	mitogen-activated protein kinase 8
UniProt Protein Name	Mitogen-activated protein kinase 8
UniProt Gene Name	Mapk8
UniProt Synonym Gene Names	Jnk1; Prkm8; MAP kinase 8; MAPK 8
UniProt Entry Name	MK08_RAT

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/mitogen-activated-protein-kinase-8/122988>