

Human Mitogen-activated protein kinase 8 ELISA Kit | MAPK8 elisa kit

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CATALOG #
AAA100429

REACTIVITY
Human

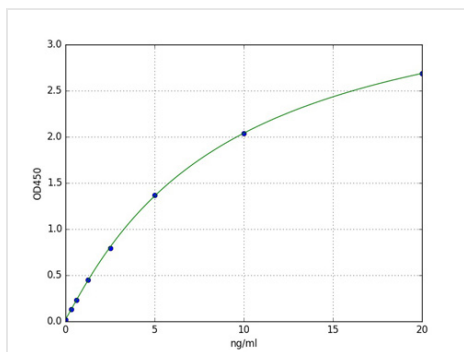
PRODUCT SYNONYMS

Mitogen-activated protein kinase 8; Human Mitogen-activated protein kinase 8 ELISA Kit; MAPK8/PRKM8/SAPK1/c-Jun N-terminal kinase 1/JNK1 alpha protein kinase/JNK1 beta protein kinase/JNK1JNK1A2/JNK-46/JUN N-terminal kinase/MAP kinase 8/MAPK 8/mitogen-activated protein kinase 8/mitogen-activated protein kinase 8 isoform JNK1 alpha1/mitogen-activated protein kinase 8 isoform JNK1 beta2/PRKM8JNK/protein kinase JNK1/SAPK1JNK21B1; 2/Stress-activated protein kinase 1/Stress-activated protein kinase JNK1; MAPK8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	427
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human MAPK8 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.024	0.099	0.163	0.329	0.512	0.928	1.285	1.678

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK8 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human MAPK8 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human MAPK8 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human MAPK8 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human MAPK8 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	694879445
NCBI GeneID	116554
NCBI Accession #	NP_446281.2
NCBI GenBank Nucleotide #	NM_053829.2
Molecular Weight	46,807 Da
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/mapk8-human-elisa-kits/mitogen-activated-protein-kinase-8/100429>