

Human MAPK10 (Mitogen-activated protein kinase 10) ELISA Kit | MAPK10 elisa kit

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CATALOG #
AAA250075

REACTIVITY
Human

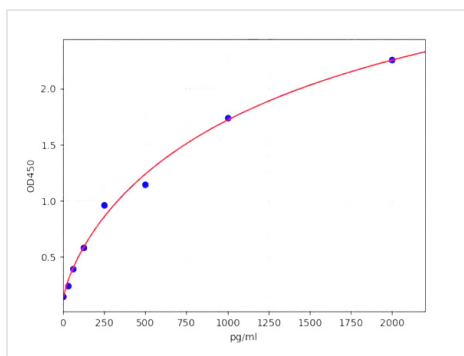
PRODUCT SYNONYMS

MAPK10 (Mitogen-activated protein kinase 10); Human MAPK10 (Mitogen-activated protein kinase 10) ELISA Kit; Mitogen-activated protein kinase 10; MAP kinase 10; MAPK 10; MAP kinase p49 3F12; Stress-activated protein kinase 1b; SAPK1b; Stress-activated protein kinase JNK3; c-Jun N-terminal kinase 3; JNK3; JNK3A; PRKM10; SAPK1B; MAPK10; MAPK10 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAPK10. No significant crossreactivity or interference between MAPK10 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for MAPK10 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506081
NCBI GeneID	5602
NCBI Accession #	NP_002744.1
NCBI GenBank Nucleotide #	NM_002753.3
UniProt Accession #	P53779; Q15707; Q49AP1; A6NFS3; A6NG28; B3KQ94
Molecular Weight	52,585 Da
NCBI Official Full Name	mitogen-activated protein kinase 10 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 10
NCBI Official Symbol	MAPK10
NCBI Official Synonym Symbols	JNK3; JNK3A; PRKM10; SAPK1b; p493F12; p54bSAPK
NCBI Protein Information	mitogen-activated protein kinase 10; MAPK 10; MAP kinase 10; MAP kinase p49 3F12; JNK3 alpha protein kinase; c-Jun N-terminal kinase 3; stress-activated protein kinase 1b; stress activated protein kinase beta; stress-activated protein kinase JNK3
UniProt Protein Name	Mitogen-activated protein kinase 10
UniProt Gene Name	MAPK10
UniProt Synonym Gene Names	JNK3; JNK3A; PRKM10; SAPK1B; MAP kinase 10; MAPK 10; SAPK1b
UniProt Entry Name	MK10_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/mapk10-mitogen-activated-protein-kinase-10/250075>