

Human Mitogen Activated Protein Kinase 9 (MAPK9) ELISA Kit | MAPK9 elisa kit

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CATALOG #
AAA148626

REACTIVITY
Human

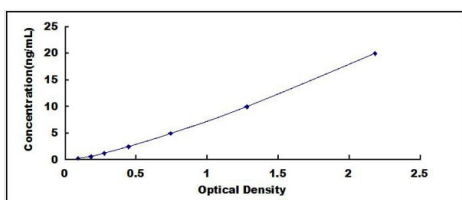
PRODUCT SYNONYMS

Mitogen Activated Protein Kinase 9 (MAPK9); Human Mitogen Activated Protein Kinase 9 (MAPK9) ELISA Kit; JNK-55; JNK2; JNK2A; JNK2ALPHA; JNK2B; JNK2BETA; PRKM9; p54a; SAPK; Jun Kinase; Stress-activated protein kinase 1a; c-Jun N-terminal kinase 2; MAPK9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Mitogen Activated Protein Kinase 9 (MAPK9). No significant cross-reactivity or interference between Mitogen Activated Protein Kinase 9 (MAPK9) and analogues was observed.
Sequence Length	242
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.114ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Mitogen Activated Protein Kinase 9 (MAPK9) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Mitogen Activated Protein Kinase 9 (MAPK9) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK9 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mitogen Activated Protein Kinase 9 (MAPK9). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mitogen Activated Protein Kinase 9 (MAPK9). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Mitogen Activated Protein Kinase 9 (MAPK9), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Mitogen Activated Protein Kinase 9 (MAPK9) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for MAPK9 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	205277412
NCBI GeneID	5601
NCBI Accession #	NP_001128516.1
NCBI GenBank Nucleotide #	NM_001135044.1
UniProt Accession #	P45984; Q15708; Q15710; Q15711; Q8N5C5; A8K0S3; B5BU66; B5M0B4; D3DWQ8; D3DWQ9
Molecular Weight	27,334 Da
NCBI Official Full Name	mitogen-activated protein kinase 9 isoform JNK2 gamma
NCBI Official Synonym Full Names	mitogen-activated protein kinase 9
NCBI Official Symbol	MAPK9
NCBI Official Synonym Symbols	JNK2; SAPK; p54a; JNK2A; JNK2B; PRKM9; JNK-55; SAPK1a; JNK2BETA; p54aSAPK; JNK2ALPHA
NCBI Protein Information	mitogen-activated protein kinase 9
UniProt Protein Name	Mitogen-activated protein kinase 9
UniProt Gene Name	MAPK9
UniProt Synonym Gene Names	JNK2; PRKM9; SAPK1A; MAP kinase 9; MAPK 9; SAPK1a

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-9-mapk9/148626>