

Rat Mitogen Activated Protein Kinase Kinase Kinase 6 (MAP3K6) ELISA Kit | MAP3K6 elisa kit

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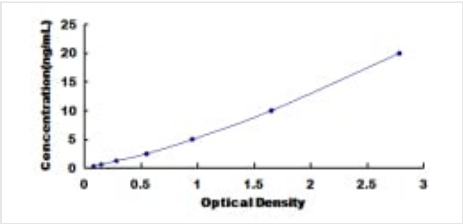
CATALOG # AAA186317	REACTIVITY Rat
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PRODUCT SYNONYMS

Mitogen Activated Protein Kinase Kinase Kinase 6 (MAP3K6); Rat Mitogen Activated Protein Kinase Kinase Kinase 6 (MAP3K6) ELISA Kit; MAPKKK6; ASK2; MEKK6; Apoptosis Signal Regulating Kinase 2; MAP3K6 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Mitogen Activated Protein Kinase Kinase Kinase 6 (MAP3K6). No significant cross-reactivity or interference between Mitogen Activated Protein Kinase Kinase Kinase 6 (MAP3K6) and analogues was observed.
Sequence Length	1,280
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.116ng/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 Kinase Kinase 6 (MAP3K6) 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 Kinase Kinase 6 (MAP3K6) 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.



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP3K6 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 Kinase Kinase 6 (MAP3K6). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Mitogen Activated Protein Kinase Kinase Kinase 6 (MAP3K6). 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 Kinase Kinase 6 (MAP3K6), 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 Kinase Kinase 6 (MAP3K6) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	45827809
NCBI GeneID	9064
NCBI Accession #	NP_004663.3
NCBI GenBank Nucleotide #	NM_004672.4
UniProt Accession #	O95382; Q59HF4; Q5SSD4; Q75PK3; Q96B75; A2ACE8; A2VDG4; A2VDG5
Molecular Weight	141,648 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase 6 isoform 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 6
NCBI Official Symbol	MAP3K6
NCBI Official Synonym Symbols	ASK2; MEKK6; MAPKKK6
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 6
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 6
UniProt Gene Name	MAP3K6
UniProt Synonym Gene Names	ASK2; MAPKKK6; MEKK6

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.