

Human Mitogen Activated Protein Kinase Kinase Kinase Kinase 5 ELISA Kit | MAP4K5 elisa kit

Human Mitogen Activated Protein Kinase Kinase Kinase Kinase 5 (MAP4K5) (Sandwich ELISA) ELISA Kit

CATALOG # AAA190078	REACTIVITY Human
-------------------------------	----------------------------

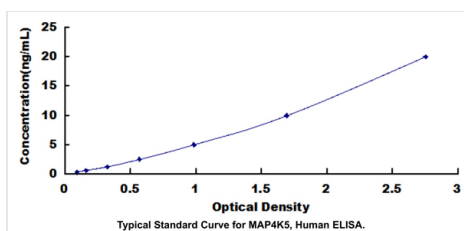
PRODUCT SYNONYMS

Mitogen Activated Protein Kinase Kinase Kinase Kinase 5; Human Mitogen Activated Protein Kinase Kinase Kinase Kinase 5 (MAP4K5) (Sandwich ELISA) ELISA Kit; MAP4-K5; GCKR; KHS; KHS1; MAPKKKK5; Germinal Center Kinase-Related; Kinase homologous to SPS1/STE20; ELISA Kit for Mitogen Activated Protein Kinase Kinase Kinase Kinase 5 (MAP4K5); MAP4K5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of MAP4K5. No significant cross-reactivity or interference between MAP4K5 and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.119ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MAP4K5 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MAP4K5 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	4 degree C for 1 month/ -20 degree C for long-term(within shelf life). Shelf life is one year

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAP4K5 elisa kit	Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to MAP4K5. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to MAP4K5. 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 MAP4K5, 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 MAP4K5 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MAP4K5 in human tissue homogenates, cell lysates, cell culture supernates and other biological fluids.
Product Categories/Family for MAP4K5 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	38570135
NCBI GeneID	11183
NCBI Accession #	NP_942089.1
NCBI GenBank Nucleotide #	NM_198794.2
UniProt Accession #	Q9Y4K4; Q8IYF6; A0A0A0MQR1
Molecular Weight	95,024 Da
NCBI Official Full Name	mitogen-activated protein kinase kinase kinase kinase 5
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase kinase 5
NCBI Official Symbol	MAP4K5
NCBI Official Synonym Symbols	KHS; GCKR; KHS1; MAPKKKK5
NCBI Protein Information	mitogen-activated protein kinase kinase kinase kinase 5
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase kinase 5
UniProt Gene Name	MAP4K5
UniProt Synonym Gene Names	KHS; MEK kinase kinase 5; MEKKK 5

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://www.aaabiotech.com/map4k5-human-elisa-kits/mitogen-activated-protein-kinase-kinase-kinase-kinase-5/190078>