

Human Dual specificity mitogen-activated protein kinase kinase 5 ELISA Kit | MAP2K5 elisa kit

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CATALOG #
AAA98984

REACTIVITY
Human

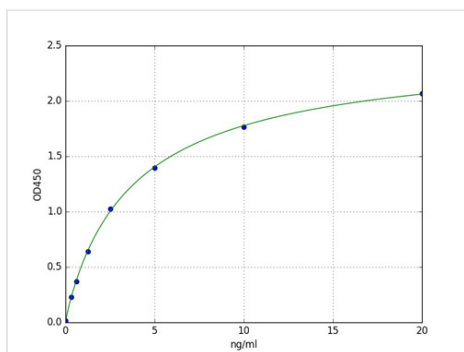
PRODUCT SYNONYMS

Dual specificity mitogen-activated protein kinase kinase 5; Human Dual specificity mitogen-activated protein kinase kinase 5 ELISA Kit; MAP2K5/MEK5/MAPKK5/PRKMK5/HsT17454/MAPK kinase 5/ERK kinase 5/MAP kinase kinase 5; MAP2K5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	448
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 MAP2K5 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	0.010	0.138	0.263	0.418	0.775	1.128	1.574	2.302

ADDITIONAL INFORMATION

Related Product Information for MAP2K5 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-MAP2K5 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- MAP2K5 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 MAP2K5 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of MAP2K5 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21729895
NCBI GeneID	5607
NCBI Accession #	NP_660143.1
NCBI GenBank Nucleotide #	NM_145160.2
Molecular Weight	46,131 Da
NCBI Official Full Name	dual specificity mitogen-activated protein kinase kinase 5 isoform A
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase 5
NCBI Official Symbol	MAP2K5
NCBI Official Synonym Symbols	MEK5; MAPKK5; PRKMK5; HsT17454
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 5
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 5
UniProt Gene Name	MAP2K5
UniProt Synonym Gene Names	MEK5; MKK5; PRKMK5; MAP kinase kinase 5; MAPKK 5; MEK 5
UniProt Entry Name	MP2K5_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/map2k5-human-elisa-kits/dual-specificity-mitogen-activated-protein-kinase-kinase-5/98984>