

Rat Map2k1 (Dual specificity mitogen-activated protein kinase kinase 1) ELISA Kit | Map2k1 elisa kit

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CATALOG #
AAA249928

REACTIVITY
Rat

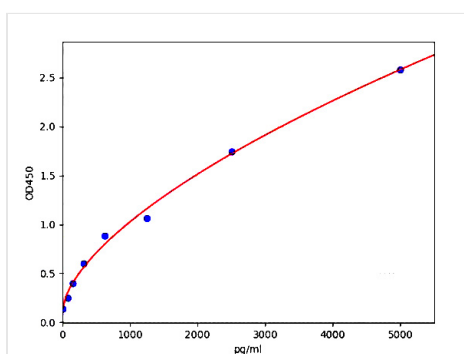
PRODUCT SYNONYMS

Map2k1 (Dual specificity mitogen-activated protein kinase kinase 1); Rat Map2k1 (Dual specificity mitogen-activated protein kinase kinase 1) ELISA Kit; Dual specificity mitogen-activated protein kinase kinase 1; MAP kinase kinase 1; MAPKK 1; ERK activator kinase 1; MAPK/ERK kinase 1; MEK 1; Map2k1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Map2k1. No significant crossreactivity or interference between Map2k1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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 Map2k1 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 #	149041950
NCBI GeneID	170851
UniProt Accession #	Q01986; Q5EBD5
Molecular Weight	43,465 Da
NCBI Official Full Name	mitogen activated protein kinase kinase 1
NCBI Official Synonym Full Names	mitogen activated protein kinase kinase 1
NCBI Official Symbol	Map2k1
NCBI Official Synonym Symbols	Mek1
NCBI Protein Information	dual specificity mitogen-activated protein kinase kinase 1; MAPKK 1; MAPK/ERK kinase 1; MAP kinase kinase 1; ERK activator kinase 1; MAP kinase/Erk kinase 1
UniProt Protein Name	Dual specificity mitogen-activated protein kinase kinase 1
UniProt Gene Name	Map2k1
UniProt Synonym Gene Names	Mek1; Prkmk1; MAP kinase kinase 1; MAPKK 1; MEK 1
UniProt Entry Name	MP2K1_RAT

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.