

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

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CATALOG #
AAA12972

REACTIVITY
Rat

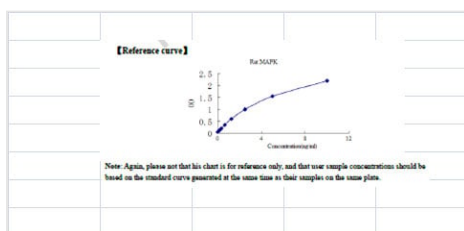
PRODUCT SYNONYMS

Mitogen Activated Protein Kinase (MAPK); Rat Mitogen Activated Protein Kinase (MAPK) ELISA Kit; MAPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Sequence Length	372
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	10 ng/mL-0.156 ng/mL
Sensitivity	Up to 0.05 ng/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat MAPK monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

220726398

NCBI GeneID	8140303
Molecular Weight	42,026 Da
NCBI Official Full Name	mitogen activated protein kinase
NCBI Official Symbol	POSPLDRAFT_125584
NCBI Protein Information	mitogen activated protein kinase
UniProt Protein Name	Mitogen activated protein kinase
UniProt Entry Name	B8PFM6_POSPM

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/rat-elisa-kits/mitogen-activated-protein-kinase-mapk/12972>