

Rat mitogen activated protein kinase1, MAPK1/MAPK ELISA Kit | MAPK1/MAPK elisa kit

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CATALOG #
AAA120831

REACTIVITY
Rat

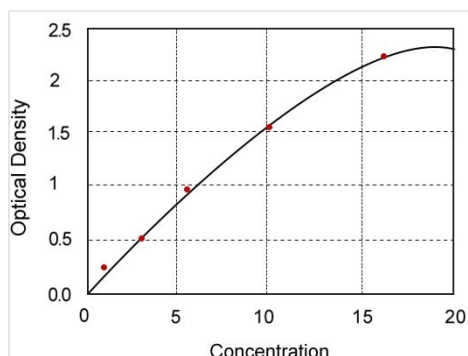
PRODUCT SYNONYMS

mitogen activated protein kinase1; MAPK1/MAPK; Rat mitogen activated protein kinase1; MAPK1/MAPK ELISA Kit; MAPK1/MAPK elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	360
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.11ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK1/MAPK elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mitogen Activated Protein Kinase1 (also known as MAPK1/MAPK) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat MAPK1/MAPK antibody. MAPK1/MAPK present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat MAPK1/MAPK Antibody is added and binds to MAPK1/MAPK in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated MAPK1/MAPK antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat MAPK1/MAPK. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66932916
NCBI GeneID	5594
NCBI Accession #	NP_002736.3
NCBI GenBank Nucleotide #	NM_002745.4
UniProt Accession #	P28482; A8CZ64
Molecular Weight	36,432 Da
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK; p38; p40; p41; ERK2; ERT1; ERK-2; MAPK2; PRKM1; PRKM2; P42MAPK; p41mapk; p42-MAPK
NCBI Protein Information	mitogen-activated protein kinase 1
UniProt Protein Name	Mitogen-activated protein kinase 1
UniProt Gene Name	MAPK1
UniProt Synonym Gene Names	ERK2; PRKM1; PRKM2; MAP kinase 1; MAPK 1; ERK-2; p42-MAPK; MAP kinase 2; MAPK 2

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-activited-protein-kinase1-mapk1-mapk120831>