

Bovine Mitogen-activated protein kinase 1 ELISA Kit | MAPK1 elisa kit

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CATALOG #
AAA196084

REACTIVITY
Bovine

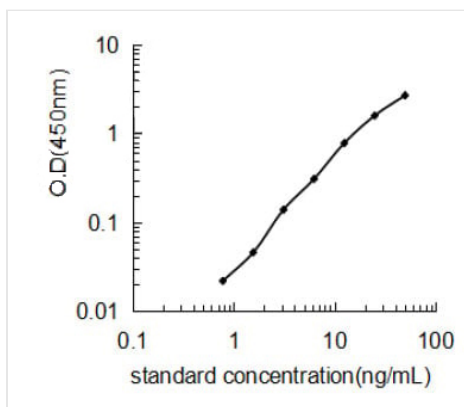
PRODUCT SYNONYMS

Mitogen-activated protein kinase 1; Bovine Mitogen-activated protein kinase 1 ELISA Kit; MAP kinase 1; MAPK 1; ERT1; Extracellular signal-regulated kinase 2; ERK-2; Mitogen-activated protein kinase 2; MAP kinase 2; MAPK 2; MAPK1; ERK2; PRKM1; MAPK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	Recombinant and natural Bovine MAP kinase 1
Sequence Length	360
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.78-50 ng/mL
Sensitivity	< 0.365 ng/mL
Intra-assay Precision	<=5.3%
Inter-assay Precision	<=8.2%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPK1 elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28461209
NCBI GeneID	327672
NCBI Accession #	NP_786987.1
NCBI GenBank Nucleotide #	NM_175793.2
UniProt Accession #	P46196; A2VE60
Molecular Weight	41,376 Da
NCBI Official Full Name	mitogen-activated protein kinase 1
NCBI Official Symbol	MAPK1
NCBI Official Synonym Symbols	ERK2
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; MAP kinase 1; MAPK 1; ERK-2; MAP kinase 2; MAPK 2
UniProt Entry Name	MK01_BOVIN

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/mapk1-bovine-ovine-elisa-kits/mitogen-activated-protein-kinase-1/196084>