

Rat Mitogen-activated Protein Kinase 7 ELISA Kit | Mapk7 elisa kit

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CATALOG #
AAA122925

REACTIVITY
Rat

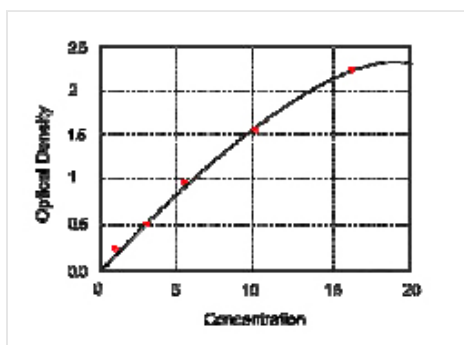
PRODUCT SYNONYMS

Mitogen-activated Protein Kinase 7; Rat Mitogen-activated Protein Kinase 7 ELISA Kit; Mapk7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	812
Samples	Serum, Plasma, Cell Culture Supernates, Cell Lysates, Tissue Homogenates
Assay Type	Quantitative Sandwich
Detection Range	9ng/L-2000ng/L
Sensitivity	5.03ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 Mapk7 elisa kit	Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Mitochondrial Uncoupling Protein 2 (also known as UCP2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates. Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat UCP2 antibody. UCP2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat UCP2 Antibody is added and binds to UCP2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UCP2 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 UCP2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	300796750
NCBI GeneID	114509
NCBI Accession #	NP_001178476.1
NCBI GenBank Nucleotide #	NM_001191547.1
UniProt Accession #	POC865
NCBI Official Full Name	mitogen-activated protein kinase 7
NCBI Official Synonym Full Names	mitogen-activated protein kinase 7
NCBI Official Symbol	Mapk7
NCBI Official Synonym Symbols	Bmk1; Erk5; Prkm7
NCBI Protein Information	mitogen-activated protein kinase 7
UniProt Protein Name	Mitogen-activated protein kinase 7
UniProt Gene Name	Mapk7
UniProt Synonym Gene Names	Bmk1; Erk5; MAP kinase 7; MAPK 7; BMK-1; ERK-5
UniProt Entry Name	MK07_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.