

Human MAP Kinase-Activated Protein Kinase 2 (MAPKAPK2) ELISA Kit | MAPKAPK2 elisa kit

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CATALOG #
AAA331878

REACTIVITY
Human

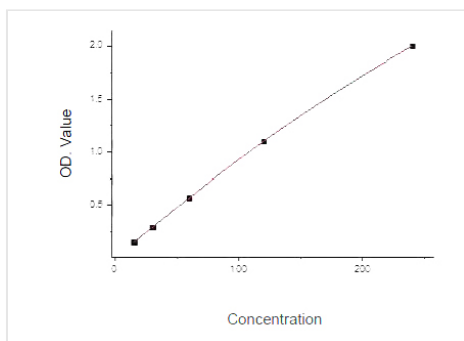
PRODUCT SYNONYMS

MAP Kinase-Activated Protein Kinase 2 (MAPKAPK2); Human MAP Kinase-Activated Protein Kinase 2 (MAPKAPK2) ELISA Kit; MAPKAPK2; MK2; MAPKAPK2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human MAP kinase-activated protein kinase 2 (MAPKAPK2) ELISA Kit has high sensitivity and excellent specificity for detection of Human MAPKAPK2. No significant cross-reactivity or interference between Human MAPKAPK2 and analogues was observed.
Sequence Length	370
Assay Type	Sandwich
Samples	Human serum, cell culture supernates and other biological fluids
Detection Range	15 pg/mL - 240 pg/mL
Sensitivity	< 1pg/mL
Intra-assay Precision	Four samples of known concentration were tested twenty times on one plate to assess intra-assay precision. The CV (%)?9%.
Inter-assay Precision	Three samples of known concentration were tested in twenty separate assays to assess inter-assay precision. Assays were performed by at least three technicians using two lots of components. The CV (%)?11%.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MAPKAPK2 elisa kit	Background: MAP kinase-activated protein kinase 2 is an enzyme that in humans is encoded by the MAPKAPK2 gene. Principle of the Assay: Human MAP kinase-activated protein kinase 2 (MAPKAPK2) ELISA Kit employs a two-site sandwich ELISA to quantitate MAPKAPK2 in samples. An antibody specific for MAPKAPK2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MAPKAPK2 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human MAPKAPK2 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of MAPKAPK2 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	10863901
NCBI GeneID	9261
NCBI Accession #	NP_004750.1
NCBI GenBank Nucleotide #	NP_004750.1
UniProt Accession #	P49137
NCBI Official Full Name	MAP kinase-activated protein kinase 2 isoform 1
NCBI Official Synonym Full Names	MAPK activated protein kinase 2
NCBI Official Symbol	MAPKAPK2
NCBI Official Synonym Symbols	MK2; MK-2; MAPKAP-K2
NCBI Protein Information	MAP kinase-activated protein kinase 2
UniProt Protein Name	MAP kinase-activated protein kinase 2
UniProt Gene Name	MAPKAPK2
UniProt Synonym Gene Names	MAPK-activated protein kinase 2; MAPKAP kinase 2; MAPKAP-K2; MAPKAPK-2; MK-2; MK2
UniProt Entry Name	MAPK2_HUMAN

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/human-elisa-kits/map-kinase-activated-protein-kinase-2-mapkapk2/331878>