

Human Apoptosis Signal Regulating Kinase 1 ELISA Kit | ASK-1 elisa kit

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CATALOG #
AAA98636

REACTIVITY
Human

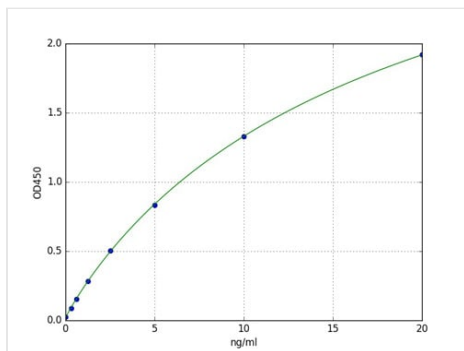
PRODUCT SYNONYMS

Apoptosis Signal Regulating Kinase 1; Human Apoptosis Signal Regulating Kinase 1 ELISA Kit; ASK-1/MAP3K5/MEKK5/Apoptosis signal-regulating kinase 1/ASK-1/ASK1MEKK 5/EC 2.7.11/MAP/ERK kinase kinase 5/MAPK/ERK kinase kinase 5/MAPKKK5EC 2.7.11.25/MEK kinase 5/MEKK5apoptosis signal regulating kinase 1/mitogen-activated protein kinase kinase kinase 5; ASK-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1374
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human ASK-1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.012	0.128	0.232	0.453	0.899	1.423	1.794	2.335

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASK-1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human ASK-1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human ASK-1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human ASK-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human ASK-1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	66391167
NCBI GeneID	4217
Molecular Weight	69,839 Da
NCBI Official Full Name	apoptosis signal-regulating kinase 1
NCBI Official Synonym Full Names	mitogen-activated protein kinase kinase kinase 5
NCBI Official Symbol	MAP3K5
NCBI Official Synonym Symbols	ASK1; MEKK5; MAPKKK5
NCBI Protein Information	mitogen-activated protein kinase kinase kinase 5
UniProt Protein Name	Mitogen-activated protein kinase kinase kinase 5
UniProt Gene Name	MAP3K5
UniProt Synonym Gene Names	ASK1; MAPKKK5; MEKK5; ASK-1; MEK kinase 5; MEKK 5
UniProt Entry Name	M3K5_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/ask-1-human-elisa-kits/apoptosis-signal-regulating-kinase-1/98636>