

Human Apoptosis Signal Regulating Kinase 1 ELISA Kit | ASK1 elisa kit

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CATALOG #
AAA84139

REACTIVITY
Human

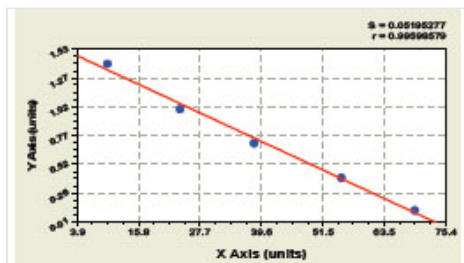
PRODUCT SYNONYMS

Apoptosis Signal Regulating Kinase 1; Human Apoptosis Signal Regulating Kinase 1 ELISA Kit; ASK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	5-100ng/mL
Sensitivity	1.0ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ASK1 elisa kit

Intended Uses: This ASK1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human ASK1. This ELISA kit for research use only!

Principle of the Assay: ASK1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-ASK1 antibody and an ASK1-HRP conjugate. The assay sample and buffer are incubated together with ASK1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the ASK1 concentration since ASK1 from samples and ASK1-HRP conjugate compete for the anti-ASK1 antibody binding site. Since the number of sites is limited, as more sites are occupied by ASK1 from the sample, fewer sites are left to bind ASK1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ASK1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for ASK1 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	304421424
NCBI GeneID	100529210
Molecular Weight	152,378 Da
NCBI Official Full Name	ASK1
NCBI Official Symbol	ask1
NCBI Protein Information	protein kinase ASK1
UniProt Protein Name	ASK1
UniProt Gene Name	ask1
UniProt Entry Name	E9JEG8_BOMMO

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/ask1-human-elisa-kits/apoptosis-signal-regulating-kinase-1/84139>