

Monkey Apoptotic Peptidase Activating Factor 1 ELISA Kit | APAF1 elisa kit

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CATALOG #
AAA92859

REACTIVITY
Monkey

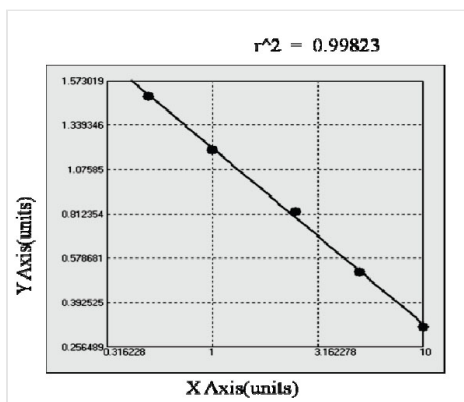
PRODUCT SYNONYMS

Apoptotic Peptidase Activating Factor 1; Monkey Apoptotic Peptidase Activating Factor 1 ELISA Kit; APAF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APAF1 elisa kit	For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate INTENDED USE This APAF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey APAF1. This ELISA kit for research use only! PRINCIPLE OF THE ASSAY APAF1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APAF1 antibody and an APAF1-HRP conjugate. The assay sample and buffer are incubated together with APAF1-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 APAF1 concentration since APAF1 from samples and APAF1-HRP conjugate compete for the anti-APAF1 antibody binding site. Since the number of sites is limited, as more sites are occupied by APAF1 from the sample, fewer sites are left to bind APAF1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APAF1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for APAF1 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483363
NCBI GeneID	317
NCBI Accession #	NP_863659.1
NCBI GenBank Nucleotide #	NM_181869.1
Molecular Weight	37,976 Da
NCBI Official Full Name	apoptotic protease-activating factor 1 isoform e
NCBI Official Synonym Full Names	apoptotic peptidase activating factor 1
NCBI Official Symbol	APAF1
NCBI Official Synonym Symbols	CED4; APAF-1
NCBI Protein Information	apoptotic protease-activating factor 1
UniProt Protein Name	Apoptotic protease-activating factor 1
UniProt Gene Name	APAF1
UniProt Synonym Gene Names	KIAA0413; APAF-1
UniProt Entry Name	APAF_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/apaf1-monkey-elisa-kits/apoptotic-peptidase-activating-factor-1/92859>