

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

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CATALOG #
AAA88979

REACTIVITY
Goat

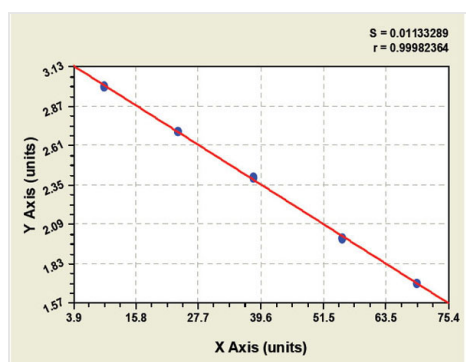
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1ng/mL.
Intended Uses	This APAF1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat APAF1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APAF1 elisa kit

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-goat-elisa-kits/apoptotic-peptidase-activating-factor-1/88979>