

Rat Apoptotic protease-activating factor 1 ELISA Kit | Apaf1 elisa kit

Rat Apoptotic protease-activating factor 1 ELISA Kit

CATALOG #
AAA99838

REACTIVITY
Rat

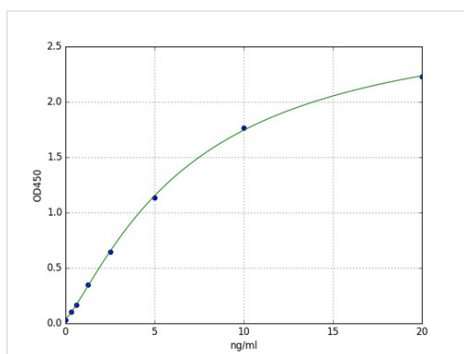
PRODUCT SYNONYMS

Apoptotic protease-activating factor 1; Rat Apoptotic protease-activating factor 1 ELISA Kit; Apaf1/APAF-1apoptotic protease activating factor 1/apoptotic peptidase activating factor/apoptotic peptidase activating factor 1/apoptotic protease activating factor/apoptotic protease-activating factor 1/CED4; Apaf1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1237
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 Rat Apaf1 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	0.077	0.162	0.201	0.391	0.710	1.296	1.801	2.576

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apaf1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Apaf1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Apaf1 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 Rat Apaf1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Apaf1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	7108333
NCBI GeneID	317
NCBI Accession #	NP_037361.1
NCBI GenBank Nucleotide #	NM_013229.2
Molecular Weight	37,976 Da
NCBI Official Full Name	apoptotic protease-activating factor 1 isoform a
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apaf1-rat-elisa-kits/apoptotic-protease-activating-factor-1/99838>