

Human A Kinase Anchor Protein 12 ELISA Kit | AKAP12 elisa kit

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CATALOG #
AAA99189

REACTIVITY
Human

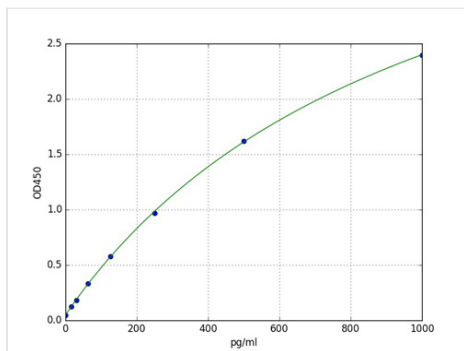
PRODUCT SYNONYMS

A Kinase Anchor Protein 12; Human A Kinase Anchor Protein 12 ELISA Kit; AKAP12; AKAP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1684
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/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 AKAP12 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	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.000	0.061	0.154	0.286	0.490	0.901	1.577	2.252

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKAP12 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human AKAP12 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human AKAP12 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 AKAP12 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human AKAP12 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

13626040

NCBI GeneID	83397
NCBI Accession #	NP_112462.1
NCBI GenBank Nucleotide #	NM_031185.3
Molecular Weight	169,743 Da
NCBI Official Full Name	A-kinase anchor protein 12
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein (gravin) 12
NCBI Official Symbol	Akap12
NCBI Official Synonym Symbols	Srcs5; SSeCKS; Tsga12; AI317366
NCBI Protein Information	A-kinase anchor protein 12
UniProt Protein Name	A-kinase anchor protein 12
UniProt Gene Name	Akap12
UniProt Synonym Gene Names	Gag12; Ssecks; AKAP-12; SSeCKS
UniProt Entry Name	AKA12_MOUSE

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/akap12-human-elisa-kits/a-kinase-anchor-protein-12/99189>