

Human A-kinase anchor protein 12 (AKAP12) ELISA Kit | AKAP12 elisa kit

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CATALOG #
AAA44217

REACTIVITY
Human

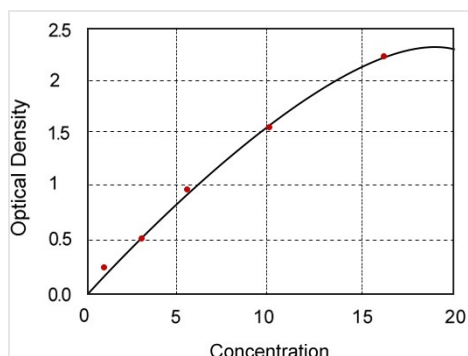
PRODUCT SYNONYMS

A-kinase anchor protein 12 (AKAP12); Human A-kinase anchor protein 12 (AKAP12) ELISA Kit; AKAP12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1684
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15ng/L - 3800ng/L
Sensitivity	7.59ng/L
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKAP12 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human A-kinase Anchor Protein 12 (also known as AKAP12) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human AKAP12 antibody. AKAP12 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human AKAP12 Antibody is added and binds to AKAP12 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AKAP12 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human AKAP12. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	13626040
NCBI GeneID	83397
NCBI Accession #	NP_112462.1
NCBI GenBank Nucleotide #	NM_031185.3
UniProt Accession #	Q9WTQ5; Q80SS4; Q810D4; Q8BPK4; Q99MP1
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

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/human-elisa-kits/a-kinase-anchor-protein-12-akap12/44217>