

Human AKAP12 ELISA Kit | AKAP12 elisa kit

Human AKAP12(A Kinase Anchor Protein 12) ELISA Kit

CATALOG #
AAA165827

REACTIVITY
Human

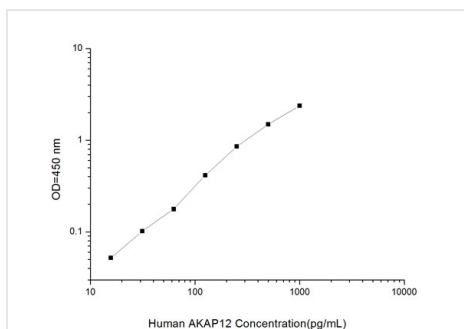
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human AKAP12. No significant cross-reactivity or interference between Human AKAP12 and analogues was observed.
Sequence Length	1684
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKAP12 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanAKAP12concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to AKAP12. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for AKAP12and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain AKAP12, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of AKAP12.You can calculate the concentration of AKAP12in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21493024
NCBI GeneID	9590
NCBI Accession #	NP_653080.1
NCBI GenBank Nucleotide #	NM_144497.2
Molecular Weight	180,990 Da
NCBI Official Full Name	A-kinase anchor protein 12 isoform 2
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 12
NCBI Official Symbol	AKAP12
NCBI Official Synonym Symbols	SSeCKS; AKAP250
NCBI Protein Information	A-kinase anchor protein 12; A-kinase anchor protein, 250kDa; AKAP 250; Src-Suppressed C Kinase Substrate; kinase scaffold protein gravin; myasthenia gravis autoantigen gravin
UniProt Protein Name	A-kinase anchor protein 12
UniProt Gene Name	AKAP12
UniProt Synonym Gene Names	AKAP250; AKAP-12; AKAP 250
UniProt Entry Name	AKA12_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.