

Human AKAP1 ELISA Kit | AKAP1 elisa kit

Human AKAP1 (A Kinase Anchor Protein 1) ELISA Kit

CATALOG #
AAA164470

REACTIVITY
Human

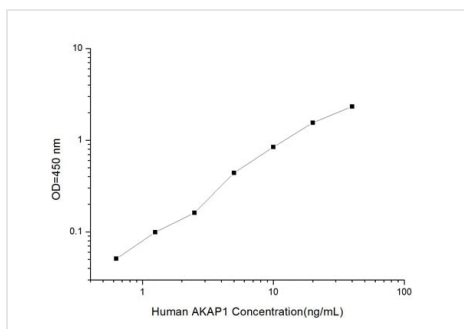
PRODUCT SYNONYMS

AKAP1; Human AKAP1 (A Kinase Anchor Protein 1) ELISA Kit; AKAP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human AKAP1. No significant cross-reactivity or interference between Human AKAP1 and analogues was observed.
Sequence Length	903
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.625-40ng/mL
Sensitivity	Min: 0.375ng/mL; Max: 40ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKAP1 elisa kit	Intended Uses: This ELISA kit applies to the invitro quantitative determination of HumanAKAP1concentrations 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 AKAP1. 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 AKAP1and 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 AKAP1, 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 AKAP1.You can calculate the concentration of AKAP1in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	339275974
NCBI GeneID	8165
NCBI Accession #	NP_001229831.1
NCBI GenBank Nucleotide #	NM_001242902.1
UniProt Accession #	Q92667; Q13320; Q9BW14; A8K8Q1; D3DTZ0
Molecular Weight	62,921 Da
NCBI Official Full Name	A-kinase anchor protein 1, mitochondrial
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 1
NCBI Official Symbol	AKAP1
NCBI Official Synonym Symbols	AKAP; PRKA1; AKAP84; TDRD17; AKAP121; AKAP149; D-AKAP1; PPP1R43; SAKAP84
NCBI Protein Information	A-kinase anchor protein 1, mitochondrial; A-kinase anchor protein 149 kDa; AKAP 149; D-AKAP-1; dual-specificity A-kinase anchoring protein 1; protein kinase A anchoring protein 1; protein kinase A1; protein phosphatase 1, regulatory subunit 43; spermatid A-kinase anchor protein 84; tudor domain containing 17
UniProt Protein Name	A-kinase anchor protein 1, mitochondrial
UniProt Gene Name	AKAP1
UniProt Synonym Gene Names	AKAP149; PRKA1; AKAP 149; D-AKAP-1; PRKA1; S-AKAP84
UniProt Entry Name	AKAP1_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.