

Human A kinase (PRKA) anchor protein 4 ELISA Kit | AKAP4 elisa kit

Human A-kinase anchor protein 4, AKAP4 ELISA Kit

CATALOG #
AAA18226

REACTIVITY
Human

PRODUCT SYNONYMS

A kinase (PRKA) anchor protein 4; Human A-kinase anchor protein 4; AKAP4 ELISA Kit; Human A-kinase anchor protein 4 (AKAP4) ELISA kit; RP13-377G1__B.1; AKAP82; CT99; FSC1; HI; hAKAP82; p82; A-kinase anchor protein 4; A-kinase anchor protein 82 kDa; cancer/testis antigen 99; protein kinase A anchoring protein 4; testis-specific gene HI; AKAP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human AKAP4. No significant cross-reactivity or interference between human AKAP4 and analogues was observed.
Sequence Length	854
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	25 pg/ml-1600 pg/ml
Sensitivity	<6.25 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKAP4 elisa kit

Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for AKAP4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AKAP4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AKAP4 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AKAP4 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21493037
NCBI GeneID	8852
NCBI Accession #	NP_003877.2
NCBI GenBank Nucleotide #	NM_003886.2
UniProt Accession #	Q5JQC9; O60904; O95246; Q5JQD1; Q5JQD2; Q5JQD3; A0AV85
Molecular Weight	94,477 Da
NCBI Official Full Name	A-kinase anchor protein 4 isoform 1
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 4
NCBI Official Symbol	AKAP4
NCBI Official Synonym Symbols	HI; p82; CT99; FSC1; PRKA4; AKAP-4; AKAP82; AKAP 82; hAKAP82
NCBI Protein Information	A-kinase anchor protein 4; testis-specific gene HI; cancer/testis antigen 99; A-kinase anchor protein 82 kDa; major sperm fibrous sheath protein; protein kinase A anchoring protein 4; protein kinase A-anchoring protein 4
UniProt Protein Name	A-kinase anchor protein 4
UniProt Gene Name	AKAP4
UniProt Synonym Gene Names	AKAP82; AKAP-4; AKAP 82; hAKAP82; HI; PRKA4
UniProt Entry Name	AKAP4_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/akap4-human-elisa-kits/a-kinase-prka-anchor-protein-4/18226>