

Human A kinase anchor protein 9 (AKAP9) ELISA Kit | AKAP9 elisa kit

Human A kinase anchor protein 9 (AKAP9) ELISA Kit

CATALOG #
AAA244724

REACTIVITY
Human

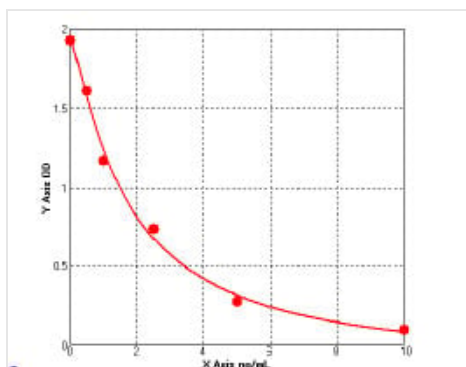
PRODUCT SYNONYMS

A kinase anchor protein 9 (AKAP9); Human A kinase anchor protein 9 (AKAP9) ELISA Kit; AKAP9 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKAP9 elisa kit

Intended Uses: This AKAb ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AKAb. This ELISA kit for research use only!

Principle of the Assay: AKAb ELISA kit applies the competitive enzyme immunoassay technique utilizing Keratin antigen and an AKAb-HRP conjugate. The assay sample and buffer are incubated together with AKAb-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AKAb concentration since AKAb from samples and AKAb-HRP conjugate compete for the Keratin antigen binding site. Since the number of sites is limited, as more sites are occupied by AKAb from the sample, fewer sites are left to bind AKAb-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AKAb concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AKAP9 elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	14194461
NCBI GeneID	10142
Molecular Weight	455,423 Da
NCBI Official Full Name	A-kinase anchor protein 9
NCBI Official Synonym Full Names	A kinase (PRKA) anchor protein 9
NCBI Official Symbol	AKAP9
NCBI Official Synonym Symbols	LQT11; PRKA9; AKAP-9; CG-NAP; YOTIAO; AKAP350; AKAP450; PPP1R45; HYPERION; MU-RMS-40.16A
NCBI Protein Information	A-kinase anchor protein 9; protein yotiao; protein hyperion; AKAP 120-like protein; AKAP9-BRAF fusion protein; kinase N-associated protein; A-kinase anchor protein 350 kDa; A-kinase anchor protein 450 kDa; protein kinase A anchoring protein 9; A kinase (PRKA) anchor protein (yotiao) 9; protein phosphatase 1, regulatory subunit 45; centrosome- and Golgi-localized PKN-associated protein; centrosome- and golgi-localized protein kinase N-associated protein
UniProt Protein Name	A-kinase anchor protein 9
UniProt Gene Name	AKAP9
UniProt Synonym Gene Names	AKAP350; AKAP450; KIAA0803; AKAP-9; AKAP 350; hgAKAP 350; AKAP 450; CG-NAP; PRKA9
UniProt Entry Name	AKAP9_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/human-elisa-kits/a-kinase-anchor-protein-9-akap9/244724>