

Human Cytoskeleton associated protein 4 (CKAP4) ELISA Kit | CKAP4 elisa kit

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CATALOG #
AAA245235

REACTIVITY
Human

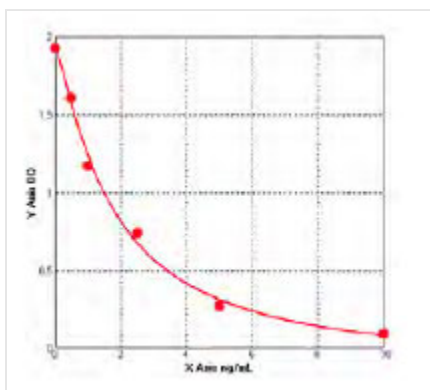
PRODUCT SYNONYMS

Cytoskeleton associated protein 4 (CKAP4); Human Cytoskeleton associated protein 4 (CKAP4) ELISA Kit; CKAP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CKAP4 elisa kit

Intended Uses: This CK-18 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse CK-18. This ELISA kit for research use only!

Principle of the Assay: CK-18 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-CK-18 antibody and an CK-18-HRP conjugate. The assay sample and buffer are incubated together with CK-18-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 CK-18 concentration since CK-18 from samples and CK-18-HRP conjugate compete for the anti-CK-18 antibody binding site. Since the number of sites is limited, as more sites are occupied by CK-18 from the sample, fewer sites are left to bind CK-18-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CK-18 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	19920317
NCBI GeneID	10970
NCBI Accession #	NP_006816.2
NCBI GenBank Nucleotide #	NM_006825.3
Molecular Weight	66,022 Da
NCBI Official Full Name	cytoskeleton-associated protein 4
NCBI Official Synonym Full Names	cytoskeleton-associated protein 4
NCBI Official Symbol	CKAP4
NCBI Official Synonym Symbols	p63; CLIMP-63; ERGIC-63
NCBI Protein Information	cytoskeleton-associated protein 4; 63 kDa membrane protein; type-II transmembrane protein p63; 63-kDa cytoskeleton-linking membrane protein; transmembrane protein (63kD), endoplasmic reticulum/Golgi intermediate compartment
UniProt Protein Name	Cytoskeleton-associated protein 4
UniProt Gene Name	CKAP4
UniProt Synonym Gene Names	Climp-63; p63
UniProt Entry Name	CKAP4_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/cytoskeleton-associated-protein-4-ckap4/245235>