

Human Cytoskeleton Associated Protein 4 (CKAP4) ELISA Kit | CKAP4 elisa kit

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CATALOG #
AAA188334

REACTIVITY
Human

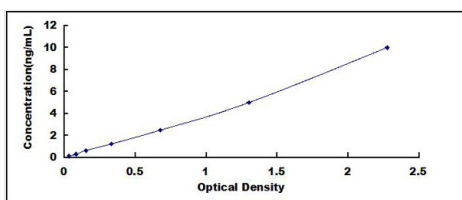
PRODUCT SYNONYMS

Cytoskeleton Associated Protein 4 (CKAP4); Human Cytoskeleton Associated Protein 4 (CKAP4) ELISA Kit; P63; CLIMP-63; ERGIC-63; 63-kDa cytoskeleton-linking membrane protein; CKAP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Cytoskeleton Associated Protein 4 (CKAP4). No significant cross-reactivity or interference between Cytoskeleton Associated Protein 4 (CKAP4) and analogues was observed.
Sequence Length	602
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.059ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Cytoskeleton Associated Protein 4 (CKAP4) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Cytoskeleton Associated Protein 4 (CKAP4) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CKAP4 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Cytoskeleton Associated Protein 4 (CKAP4). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Cytoskeleton Associated Protein 4 (CKAP4). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Cytoskeleton Associated Protein 4 (CKAP4), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Cytoskeleton Associated Protein 4 (CKAP4) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	74735614
NCBI GeneID	10970
UniProt Accession #	Q07065
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; CLIMP63; CLIMP-63; ERGIC-63
NCBI Protein Information	cytoskeleton-associated protein 4
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-ckap4/188334>