

Human cytoskeleton-associated protein 4 ELISA Kit | CKAP4 elisa kit

Human Cytoskeleton-associated protein 4, CKAP4 ELISA Kit

CATALOG #
AAA18223

REACTIVITY
Human

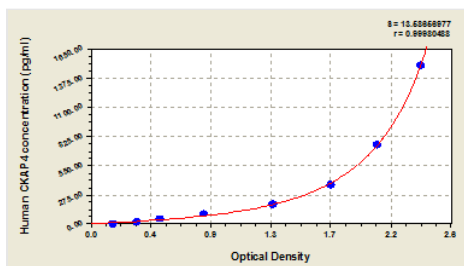
PRODUCT SYNONYMS

cytoskeleton-associated protein 4; Human Cytoskeleton-associated protein 4; CKAP4 ELISA Kit; Human Cytoskeleton-associated protein 4 (CKAP4) ELISA kit; CLIMP-63; ERGIC-63; MGC99554; p63; transmembrane protein (63kD); endoplasmic reticulum/Golgi intermediate compartment; type-II transmembrane protein p63; CKAP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human CKAP4. No significant cross-reactivity or interference between human CKAP4 and analogues was observed.
Sequence Length	602
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates, cell lysates
Detection Range	23.44 pg/ml-1500 pg/ml
Sensitivity	< 5.86 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 CKAP4 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for CKAP4 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CKAP4 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for CKAP4 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 CKAP4 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	19920317
NCBI GeneID	10970
NCBI Accession #	NP_006816.2
NCBI GenBank Nucleotide #	NM_006825.3
UniProt Accession #	Q07065; Q504S5; Q53ES6
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/ckap4-human-elisa-kits/cytoskeleton-associated-protein-4/18223>