

Human Casein kinase II subunit alpha ELISA Kit | CSNK2A1 elisa kit

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CATALOG #
AAA100150

REACTIVITY
Human

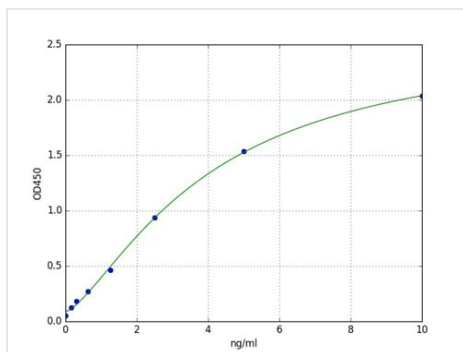
PRODUCT SYNONYMS

Casein kinase II subunit alpha; Human Casein kinase II subunit alpha ELISA Kit; CSNK2A1/CK2A1/casein kinase 2; alpha 1 polypeptide/casein kinase II alpha 1 subunit/CK II alpha/CK2 catalytic subunit alpha/casein kinase II subunit alpha/CKII/protein kinase CK2; CSNK2A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	350
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a CSNK2A1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.040	0.081	0.117	0.180	0.303	0.571	1.092	1.812

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSNK2A1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CSNK2A1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- CSNK2A1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the CSNK2A1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CSNK2A1can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503097
NCBI GeneID	1459
NCBI Accession #	NP_001887.1
NCBI GenBank Nucleotide #	NM_001896.2
Molecular Weight	41,213 Da
NCBI Official Full Name	casein kinase II subunit alpha'
NCBI Official Synonym Full Names	casein kinase 2 alpha 2
NCBI Official Symbol	CSNK2A2
NCBI Official Synonym Symbols	CK2A2; CSNK2A1; CK2alpha'
NCBI Protein Information	casein kinase II subunit alpha'
UniProt Protein Name	Casein kinase II subunit alpha'
UniProt Gene Name	CSNK2A2
UniProt Synonym Gene Names	CK2A2; CK II alpha'
UniProt Entry Name	CSK22_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/csnk2a1-human-elisa-kits/casein-kinase-ii-subunit-alpha/100150>