

Human CSNK2A1 ELISA Kit | CSNK2A1 elisa kit

Human CSNK2A1 (Casein Kinase 2, alpha 1 Polypeptide) ELISA Kit

CATALOG #
AAA165780

REACTIVITY
Human

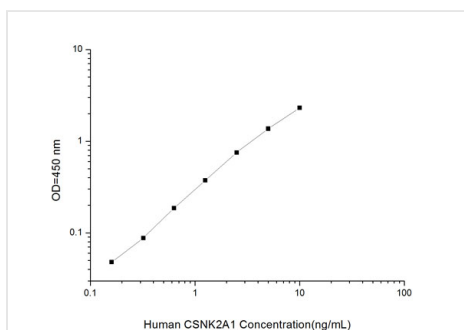
PRODUCT SYNONYMS

CSNK2A1; Human CSNK2A1 (Casein Kinase 2; alpha 1 Polypeptide) ELISA Kit; CSNK2A1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human CSNK2A1 in samples. No significant cross-reactivity or interference between Human CSNK2A1 and analogues was observed.
Sequence Length	397
Assay Type	Quantitative Sandwich
Samples	Serum, plasma and other biological fluids
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human CSNK2A1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human CSNK2A1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSNK2A1 elisa kit	Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human CSNK2A1. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human CSNK2A1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human CSNK2A1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The OD value is proportional to the concentration of Human CSNK2A1. You can calculate the concentration of Human CSNK2A1 in the samples by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human CSNK2A1 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	55249572
NCBI GeneID	1457
Molecular Weight	29,181 Da
NCBI Official Full Name	CSNK2A1 protein
NCBI Official Synonym Full Names	casein kinase 2, alpha 1 polypeptide
NCBI Official Symbol	CSNK2A1
NCBI Official Synonym Symbols	CKII; CK2A1; CSNK2A3
NCBI Protein Information	casein kinase II subunit alpha; CK II alpha 3; CK2 catalytic subunit alpha; casein kinase II alpha 1 polypeptide pseudogene; casein kinase II alpha 1 subunit; protein kinase CK2
UniProt Protein Name	Casein kinase II subunit alpha
UniProt Gene Name	CSNK2A1
UniProt Synonym Gene Names	CK2A1; CK II alpha
UniProt Entry Name	CSK21_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/csnk2a1/165780>