

Human Casein Kinase 1 Delta (CSNK1d) ELISA Kit | CSNK1d elisa kit

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CATALOG #
AAA65748

REACTIVITY
Human

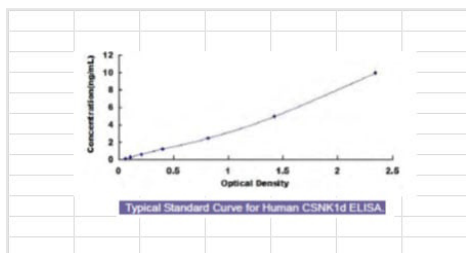
PRODUCT SYNONYMS

Casein Kinase 1 Delta (CSNK1d); Human Casein Kinase 1 Delta (CSNK1d) ELISA Kit; HCKID; Tau-protein kinase CSNK1D; Casein kinase I isoform delta; CSNK1d elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CSNK1d. No significant cross-reactivity or interference between CSNK1d and analogues was observed.
Sequence Length	415
Samples	Tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.052ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level CSNK1d were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level CSNK1d were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSNK1d elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CSNK1d in human tissue homogenates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to CSNK1d. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to CSNK1d. 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 CSNK1d, 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 CSNK1d 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 #	20149530
NCBI GeneID	1453
NCBI Accession #	NP_001884.2
NCBI GenBank Nucleotide #	NM_001893.4
UniProt Accession #	P48730; Q96KZ6; Q9BTN5; A2I2P2
Molecular Weight	46,832 Da
NCBI Official Full Name	casein kinase I isoform delta isoform 1
NCBI Official Synonym Full Names	casein kinase 1 delta
NCBI Official Symbol	CSNK1D
NCBI Official Synonym Symbols	ASPS; HCKID; FASPS2; CKIdelta
NCBI Protein Information	casein kinase I isoform delta
UniProt Protein Name	Casein kinase I isoform delta
UniProt Gene Name	CSNK1D
UniProt Synonym Gene Names	HCKID; CKI-delta; CKId

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/casein-kinase-1-delta-csnk1d/65748>