

Monkey Casein kinase II subunit beta (CSNK2B) ELISA Kit | CSNK2B elisa kit

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CATALOG #
AAA247041

REACTIVITY
Monkey

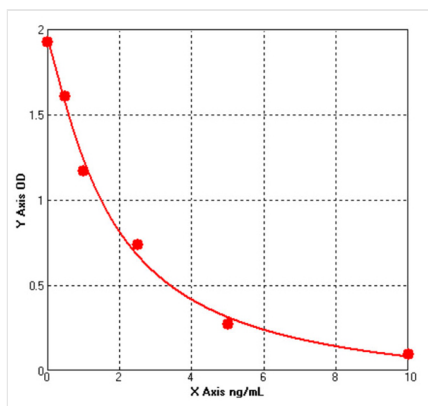
PRODUCT SYNONYMS

Casein kinase II subunit beta (CSNK2B); Monkey Casein kinase II subunit beta (CSNK2B) ELISA Kit; CSNK2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Specificity	This assay has high sensitivity and excellent specificity for detection of CSNK2B. No significant cross-reactivity or interference between CSNK2B and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between CSNK2B and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSNK2B elisa kit	Principle of the Assay: CSNK2B ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-CSNK2B antibody and an CSNK2B-HRP conjugate. The assay sample and buffer are incubated together with CSNK2B-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CSNK2B concentration since CSNK2B from samples and CSNK2B-HRP conjugate compete for the anti-CSNK2B antibody binding site. Since the number of sites is limited, as more sites are occupied by CSNK2B from the sample, fewer sites are left to bind CSNK2B-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CSNK2B concentration in each sample is interpolated from this standard curve. Intended Uses: This CSNK2B ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey CSNK2B. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for CSNK2B elisa kit	Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	23503295
NCBI GeneID	1460
NCBI Accession #	NP_001311.3
NCBI GenBank Nucleotide #	NM_001320.6
Molecular Weight	24,942 Da
NCBI Official Full Name	casein kinase II subunit beta isoform 1
NCBI Official Synonym Full Names	casein kinase 2, beta polypeptide
NCBI Official Symbol	CSNK2B
NCBI Official Synonym Symbols	G5A; CK2B; CK2N; CSK2B
NCBI Protein Information	casein kinase II subunit beta; phosvitin; CK II beta; protein G5a; CSNK2B-LY6G5B-532; CSNK2B-LY6G5B-560; Casein kinase II beta subunit; alternative name: G5a, phosvitin; chimera CSNK2B-LY6G5B splicing isoform 532; chimera CSNK2B-LY6G5B splicing isoform 560; casein kinase II b subunit splicing isoform 318; casein kinase II b subunit splicing isoform 660; casein kinase II b subunit splicing isoform 806
UniProt Protein Name	Casein kinase II subunit beta
UniProt Gene Name	CSNK2B
UniProt Synonym Gene Names	CK2N; G5A; CK II beta
UniProt Entry Name	CSK2B_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/monkey-elisa-kits/casein-kinase-ii-subunit-beta-csnk2b/247041>