

Rat Casein kinase II subunit beta ELISA Kit | CSNK2B elisa kit

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CATALOG #
AAA100332

REACTIVITY
Rat

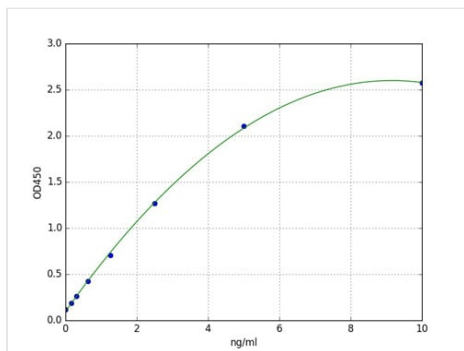
PRODUCT SYNONYMS

Casein kinase II subunit beta; Rat Casein kinase II subunit beta ELISA Kit; CSNK2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	212
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 Rat CSNK2B 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	0.012	0.090	0.176	0.407	0.535	0.886	1.632	2.441

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CSNK2B elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Rat CSNK2B antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat CSNK2B 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 Rat CSNK2B amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat CSNK2B can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

538260597

NCBI GeneID	1460
NCBI Accession #	NP_001269314.1
NCBI GenBank Nucleotide #	NM_001282385.1
Molecular Weight	24,942 Da
NCBI Official Full Name	casein kinase II subunit beta isoform 2
NCBI Official Synonym Full Names	casein kinase 2 beta
NCBI Official Symbol	CSNK2B
NCBI Official Synonym Symbols	G5A; CK2B; CK2N; CSK2B
NCBI Protein Information	casein kinase II subunit beta
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/csnk2b-rat-elisa-kits/casein-kinase-ii-subunit-beta/100332>