

Mouse Calcium/calmodulin-dependent protein kinase kinase 2 ELISA Kit | Camkk2 elisa kit

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CATALOG #
AAA191946

REACTIVITY
Mouse

PRODUCT SYNONYMS

Calcium/calmodulin-dependent protein kinase kinase 2; Mouse Calcium/calmodulin-dependent protein kinase kinase 2 ELISA Kit; CaM-KK 2; CaM-kinase kinase 2; CaMKK 2; Calcium/calmodulin-dependent protein kinase kinase beta; CaM-KK beta; CaM-kinase kinase; Camkk2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Recombinant and natural Mouse CaM-kinase kinase 2
Sequence Length	588
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.092 ng/mL
Intra-assay Precision	<=7.6%
Inter-assay Precision	<=9.6%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Camkk2 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.

NCBI AND UNIPROT INFORMATION

NCBI GI #

314122344

NCBI GeneID	207565
NCBI Accession #	NP_001186605.1
NCBI GenBank Nucleotide #	NM_001199676.1
UniProt Accession #	Q8C078 ; Q80TS0 ; Q8BXM8 ; Q8C0G3 ; Q8CH42 ; Q8QZT7
Molecular Weight	68,051 Da
NCBI Official Full Name	calcium/calmodulin-dependent protein kinase kinase 2 isoform 1
NCBI Official Synonym Full Names	calcium/calmodulin-dependent protein kinase kinase 2, beta
NCBI Official Symbol	Camkk2
NCBI Official Synonym Symbols	AW061083; mKIAA0787; 6330570N16Rik
NCBI Protein Information	calcium/calmodulin-dependent protein kinase kinase 2
UniProt Protein Name	Calcium/calmodulin-dependent protein kinase kinase 2
UniProt Gene Name	Camkk2
UniProt Synonym Gene Names	Kiaa0787; CaM-KK 2; CaM-kinase kinase 2; CaMKK 2; CaM-KK beta; CaM-kinase kinase beta; CaMKK beta
UniProt Entry Name	KKCC2_MOUSE

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/camkk2-mouse-elisa-kits/calcium-calmodulin-dependent-protein-kinase-kinase-2/191946>