

Rat Protein Kinase C Zeta ELISA Kit | PKCZ elisa kit

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CATALOG #
AAA99592

REACTIVITY
Rat

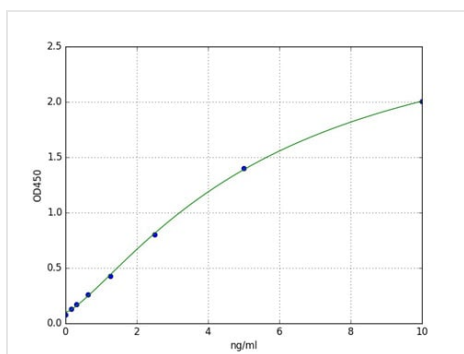
PRODUCT SYNONYMS

Protein Kinase C Zeta; Rat Protein Kinase C Zeta ELISA Kit; PKCZ/PKC2/PRKCZ/nPKC-zeta/PKC2PKC-ZETA/protein kinase C zeta type/protein kinase C; zeta; PKCZ elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	592
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 PKCZ 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	0.014	0.081	0.124	0.236	0.480	0.850	1.662	2.546

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKCZ elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	52486327
NCBI GeneID	5590
NCBI Accession #	NP_002735.3
NCBI GenBank Nucleotide #	NM_002744.4
Molecular Weight	56,136 Da
NCBI Official Full Name	protein kinase C zeta type isoform 1
NCBI Official Synonym Full Names	protein kinase C zeta
NCBI Official Symbol	PRKCZ
NCBI Official Synonym Symbols	PKC2; PKC-ZETA
NCBI Protein Information	protein kinase C zeta type
UniProt Protein Name	Protein kinase C zeta type
UniProt Gene Name	PRKCZ
UniProt Synonym Gene Names	PKC2
UniProt Entry Name	KPCZ_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/pkc2-rat-elisa-kits/protein-kinase-c-zeta/99592>