

Rat Protein Kinase C Zeta (PKCz) RTU ELISA Kit | PKCz rtu elisa kit

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CATALOG #
AAA217837

REACTIVITY
Rat

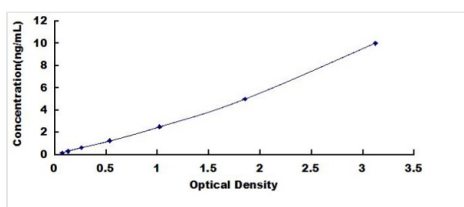
PRODUCT SYNONYMS

Protein Kinase C Zeta (PKCz); Rat Protein Kinase C Zeta (PKCz) ELISA Kit; PKC2; PKC-Z; PRKCZ; Protein Kinase M Zeta; PKCz rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	592
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.062ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKCz rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PKCz. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PKCz. 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 PKCz, 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 $\pm$ 10nm. The concentration of PKCz in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI # [11968080](#)

NCBI GeneID	25522
NCBI Accession #	NP_071952.1
NCBI GenBank Nucleotide #	NM_022507.1
UniProt Accession #	P09217
Molecular Weight	67,733 Da
NCBI Official Full Name	protein kinase C zeta type
NCBI Official Synonym Full Names	protein kinase C, zeta
NCBI Official Symbol	Prkcz
NCBI Official Synonym Symbols	Pkcζ; r14-3-3; 14-3-3-zeta isoform
NCBI Protein Information	protein kinase C zeta type
UniProt Protein Name	Protein kinase C zeta type
UniProt Gene Name	Prkcz
UniProt Synonym Gene Names	Pkcζ

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/rat-rtu-elisa-kits/protein-kinase-c-zeta-pkcζ/217837>