

Rat Protein Kinase C Beta 1 (PKCb1) RTU ELISA Kit | PKCb1 rtu elisa kit

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CATALOG #
AAA217829

REACTIVITY
Rat

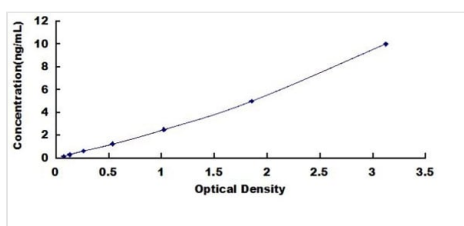
PRODUCT SYNONYMS

Protein Kinase C Beta 1 (PKCb1); Rat Protein Kinase C Beta 1 (PKCb1) ELISA Kit; PKC-B1; PRKCB; PRKCB1; PKCb1 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	671
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.057ng/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 PKCb1 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PECAM1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PECAM1. 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 PECAM1, 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 PECAM1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	288806594
NCBI GeneID	25023
NCBI Accession #	NP_001165776.1
NCBI GenBank Nucleotide #	NM_001172305.1
UniProt Accession #	P68403; P04410; P04411
Molecular Weight	76,894 Da
NCBI Official Full Name	protein kinase C beta type isoform 2
NCBI Official Synonym Full Names	protein kinase C, beta
NCBI Official Symbol	Prkcb
NCBI Official Synonym Symbols	Pkcb; Prkcb1
NCBI Protein Information	protein kinase C beta type
UniProt Protein Name	Protein kinase C beta type
UniProt Gene Name	Prkcb
UniProt Synonym Gene Names	Pkcb; Prkcb1; PKC-B; PKC-beta

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-beta-1-pkcb1/217829>