

Mouse Protein kinase C alpha type ELISA Kit | Prkca elisa kit

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CATALOG #
AAA56139

REACTIVITY
Mouse

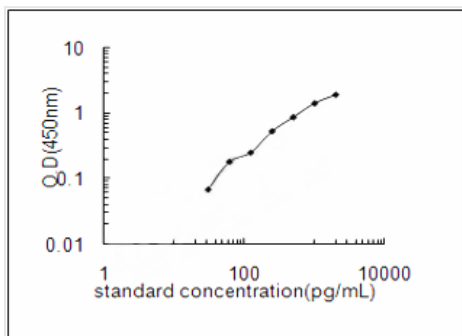
PRODUCT SYNONYMS

Protein kinase C alpha type; Mouse Protein kinase C alpha type ELISA Kit; Prkca elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse PKC-A. No significant cross-reactivity or interference was observed.
Sequence Length	672
Assay Type	Sandwich
Detection Range	31.2-2000 pg/ml
Sensitivity	15.6 pg/mL
Intra-Assay CV	<=7.9%
Inter-Assay CV	<=9.4%
Recovery	86%
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 Prkca elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PKC-A. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for PKC-A and 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 PKC-A, 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 +/- 2 nm. The concentration of PKC-A in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	164663791
NCBI GeneID	18750
NCBI Accession #	NP_035231.2
NCBI GenBank Nucleotide #	NM_011101.3
UniProt Accession #	P20444
Molecular Weight	76,852 Da
NCBI Official Full Name	protein kinase C alpha type
NCBI Official Synonym Full Names	protein kinase C, alpha
NCBI Official Symbol	Prkca
NCBI Official Synonym Symbols	Pkca; AI875142
NCBI Protein Information	protein kinase C alpha type
UniProt Protein Name	Protein kinase C alpha type
UniProt Gene Name	Prkca
UniProt Synonym Gene Names	Pkca; PKC-A; PKC-alpha
UniProt Entry Name	KPCA_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://www.aaabiotech.com/prkca-mouse-elisa-kits/protein-kinase-c-alpha-type/56139>