

Rat Protein Kinase C ELISA Kit | PKC elisa kit

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CATALOG #
AAA100431

REACTIVITY
Rat

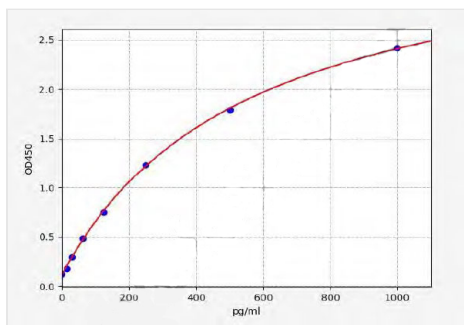
PRODUCT SYNONYMS

Protein Kinase C; Rat Protein Kinase C ELISA Kit; PKC; PKC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of PKC. No significant cross-reactivity or interference between PKC and analogues was observed.
Sequence Length	1151
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for PKC elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	330443395
NCBI GeneID	852169
NCBI Accession #	NP_009445.2
NCBI GenBank Nucleotide #	NM_001178345.2
Molecular Weight	131,477 Da
NCBI Official Full Name	protein kinase C
NCBI Official Symbol	PKC1
NCBI Official Synonym Symbols	CLY15; CLY5; CLY7; HPO2; STT1
NCBI Protein Information	protein kinase C
UniProt Protein Name	Protein kinase C-like 1
UniProt Gene Name	PKC1
UniProt Synonym Gene Names	HPO2; STT1; PKC 1
UniProt Entry Name	KPC1_YEAST

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/pkc-rat-elisa-kits/protein-kinase-c/100431>