

Human Protein Kinase C ELISA Kit | PKC elisa kit

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CATALOG #
AAA100473

REACTIVITY
Human

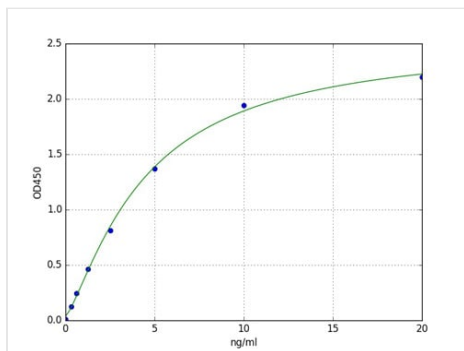
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	1151
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/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 Human PKC 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	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.012	0.125	0.251	0.422	0.856	1.354	1.830	2.196

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. Anti-Human PKC antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human PKC 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 Human PKC amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human PKC can be calculated.

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-human-elisa-kits/protein-kinase-c/100473>