

Chicken Protein Kinase C Epsilon ELISA Kit | PKCe elisa kit

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CATALOG #
AAA93510

REACTIVITY
Chicken

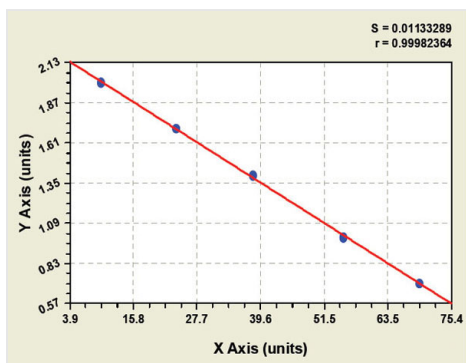
PRODUCT SYNONYMS

Protein Kinase C Epsilon; Chicken Protein Kinase C Epsilon ELISA Kit; PKCe elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKCe elisa kit

Intended Uses: This PKCe ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PKCe. This ELISA kit for research use only!

Principle of the Assay: PKCe ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKCe antibody and an PKCe-HRP conjugate. The assay sample and buffer are incubated together with PKCe-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the PKCe concentration since PKCe from samples and PKCe-HRP conjugate compete for the anti-PKCe antibody binding site. Since the number of sites is limited, as more sites are occupied by PKCe from the sample, fewer sites are left to bind PKCe-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKCe concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PKCe elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885563
NCBI GeneID	5581
NCBI Accession #	NP_005391.1
NCBI GenBank Nucleotide #	NM_005400.2
UniProt Accession #	Q02156; Q32MQ3; Q53SL4; Q53SM5; Q9UE81; B0LPH7; Q53RT0
Molecular Weight	83,674 Da
NCBI Official Full Name	protein kinase C epsilon type
NCBI Official Synonym Full Names	protein kinase C, epsilon
NCBI Official Symbol	PRKCE
NCBI Official Synonym Symbols	PKCE; nPKC-epsilon
NCBI Protein Information	protein kinase C epsilon type
UniProt Protein Name	Protein kinase C epsilon type
UniProt Gene Name	PRKCE
UniProt Synonym Gene Names	PKCE
UniProt Entry Name	KPCE_HUMAN

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/pkce-chicken-elisa-kits/protein-kinase-c-epsilon/93510>