

Chicken protein kinase C ELISA Kit | PKC elisa kit

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CATALOG #
AAA89336

REACTIVITY
Chicken

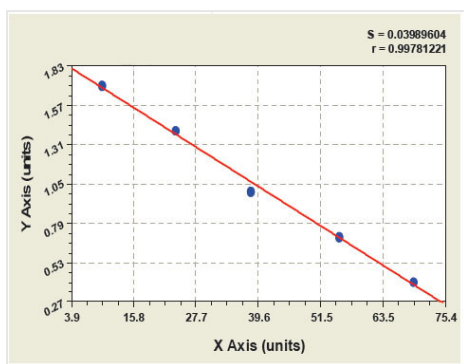
PRODUCT SYNONYMS

protein kinase C; Chicken protein kinase C ELISA Kit; PKC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This PKC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PKC. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKC elisa kit

Principle of the Assay: PKC ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-PKC antibody and an PKC-HRP conjugate. The assay sample and buffer are incubated together with PKC-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 PKC concentration since PKC from samples and PKC-HRP conjugate compete for the anti-PKC antibody binding site. Since the number of sites is limited, as more sites are occupied by PKC from the sample, fewer sites are left to bind PKC-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PKC concentration in each sample is interpolated from this standard curve.

Product Categories/Family for PKC elisa kit

[Signal Transduction](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	201023355
NCBI GeneID	406106
NCBI Accession #	NP_001128420.1
NCBI GenBank Nucleotide #	NM_001134948.1
NCBI Official Full Name	protein kinase C
NCBI Official Synonym Full Names	protein kinase C<
NCBI Official Symbol	Pkc
NCBI Protein Information	protein kinase C

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-chicken-elisa-kits/protein-kinase-c/89336>