

Human protein kinase C ELISA Kit | PKC elisa kit

Human protein kinase C ELISA Kit

CATALOG #
AAA86725

REACTIVITY
Human

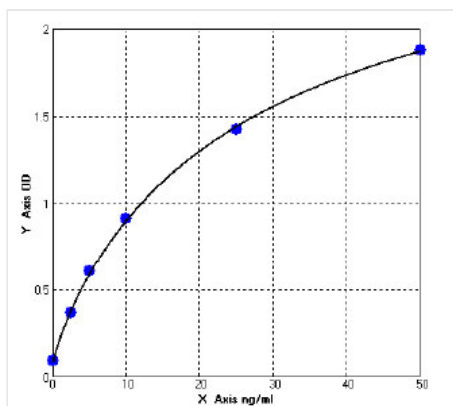
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
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. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PKC and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive or Sandwich
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PKC elisa kit	Intended Uses: This PKC ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human PKC. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: PKC ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for PKC. Standards or samples are then added to the microtiter plate wells and PKC if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of PKC present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for PKC are added to each well to "sandwich" the PKC immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain PKC and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. 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 Official Synonym Symbols	GB17972
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/pkc-human-elisa-kits/protein-kinase-c/86725>