

Mouse Phospho protein kinase C ELISA Kit | P-PKC elisa kit

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CATALOG #
AAA86455

REACTIVITY
Mouse

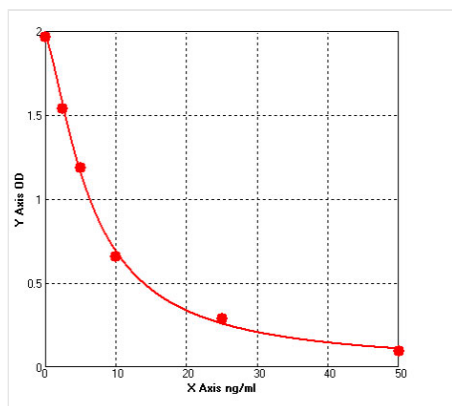
PRODUCT SYNONYMS

Phospho protein kinase C; Mouse Phospho protein kinase C ELISA Kit; P-PKC elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of PPKC. No significant cross-reactivity or interference between PPKC and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between PPKC and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
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 P-PPKc elisa kit	Principle of the Assay: PPKc ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-PPKc antibody and an PPKc-HRP conjugate. The assay sample and buffer are incubated together with PPKc-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 PPKc concentration since PPKc from samples and PPKc-HRP conjugate compete for the anti-PPKc antibody binding site. Since the number of sites is limited, as more sites are occupied by PPKc from the sample, fewer sites are left to bind PPKc-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The PPKc concentration in each sample is interpolated from this standard curve. Intended Uses: This PPKc ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse PPKc. This ELISA kit for research use only, not for therapeutic or test applications!
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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/p-ppkc-mouse-elisa-kits/phospho-protein-kinase-c/86455>