

## Goat protein kinase C ELISA Kit | PKC elisa kit

Goat protein kinase C ELISA Kit

CATALOG #  
**AAA91805**

REACTIVITY  
**Goat**

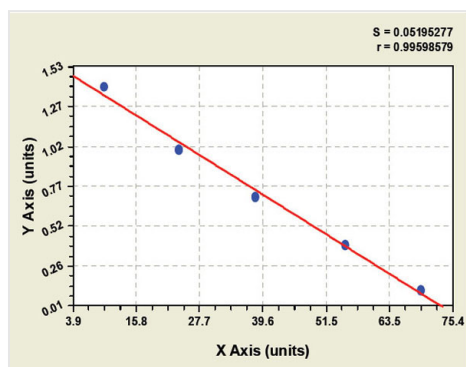
### PRODUCT SYNONYMS

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

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Goat                                                                                                                                                                                |
| 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 Goat 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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