

## Chicken Protein Kinase C Zeta ELISA Kit | PKCz elisa kit

Chicken Protein Kinase C Zeta ELISA Kit

CATALOG #  
**AAA95316**

REACTIVITY  
**Chicken**

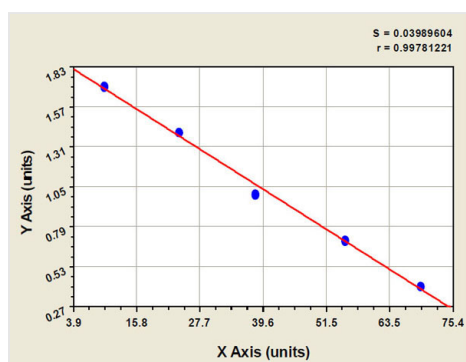
### PRODUCT SYNONYMS

Protein Kinase C Zeta; Chicken Protein Kinase C Zeta ELISA Kit; PKCz 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 PKCz ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PKCz. 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 PKCz elisa kit

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

#### Product Categories/Family for PKCz elisa kit

Signal Transduction

NCBI AND UNIPROT INFORMATION

|                                  |                                                                |
|----------------------------------|----------------------------------------------------------------|
| NCBI GI #                        | 307356                                                         |
| NCBI GeneID                      | 5590                                                           |
| UniProt Accession #              | Q05513; Q15207; Q5SYT5; Q969S4; A8K4N0; A8MU64; B7Z2J7; E9PCW2 |
| Molecular Weight                 | 67,660 Da                                                      |
| NCBI Official Full Name          | protein kinase C zeta                                          |
| NCBI Official Synonym Full Names | protein kinase C, zeta                                         |
| NCBI Official Symbol             | PRKCZ                                                          |
| NCBI Official Synonym Symbols    | PKC2; PKC-ZETA                                                 |
| NCBI Protein Information         | protein kinase C zeta type; nPKC-zeta                          |
| UniProt Protein Name             | Protein kinase C zeta type                                     |
| UniProt Gene Name                | <b>PRKCZ</b>                                                   |
| UniProt Synonym Gene Names       | PKC2                                                           |
| UniProt Entry Name               | KPCZ_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/pkcز-chicken-elisa-kits/protein-kinase-c-zeta/95316>