

Datasheet for ABIN5690935
PKC zeta ELISA Kit



[Go to Product page](#)

Overview

Quantity: 96 tests

Target: PKC zeta (PRKCZ)

Reactivity: Human

Method Type: Sandwich ELISA

Application: ELISA

Product Details

Purpose: Human PKC-zeta ELISA Kit.

Sample Type: Cell Culture Supernatant, Cell Samples, Plasma, Serum, Tissue Lysate

Analytical Method: Quantitative

Detection Method: Colorimetric

Specificity: This ELISA antibody pair recognizes Human PKC-zeta.

Characteristics:

- Strip plates and additional reagents allow for use in multiple experiments
- Quantitative protein detection
- Establishes normal range
- The best products for confirmation of antibody array data

Components:

- Pre-Coated 96-well Strip Microplate
- Wash Buffer
- Stop Solution
- Assay Diluent(s)
- Lyophilized Standard
- Biotinylated Detection Antibody

Product Details

- Streptavidin-Conjugated HRP
- TMB One-Step Substrate

Material not included:

- Distilled or deionized water
- Precision pipettes to deliver 2 µL to 1 µL volumes
- Adjustable 1-25 µL pipettes for reagent preparation
- 100 µL and 1 liter graduated cylinders
- Tubes to prepare standard and sample dilutions
- Absorbent paper
- Microplate reader capable of measuring absorbance at 450nm
- Log-log graph paper or computer and software for ELISA data analysis

Target Details

Target:	PKC zeta (PRKCZ)
Alternative Name:	PKC-zeta (PRKCZ Products)
Gene ID:	5590
UniProt:	Q05513
Pathways:	NF-kappaB Signaling , RTK Signaling , Myometrial Relaxation and Contraction , Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Synaptic Membrane , Production of Molecular Mediator of Immune Response , CXCR4-mediated Signaling Events , Thromboxane A2 Receptor Signaling

Application Details

Plate:	Pre-coated
Protocol:	1. Prepare all reagents, samples and standards as instructed in the manual. 2. Add 100 µL of standard or sample to each well. 3. Incubate 2.5 h at RT or O/N at 4 °C. 4. Add 100 µL of prepared biotin antibody to each well. 5. Incubate 1 h at RT. 6. Add 100 µL of prepared Streptavidin solution to each well. 7. Incubate 45 min at RT. 8. Add 100 µL of TMB One-Step Substrate Reagent to each well. 9. Incubate 30 min at RT. 10. Add 50 µL of Stop Solution to each well. 11. Read at 450 nm immediately.
Restrictions:	For Research Use only

Handling

Storage: 4 °C

Expiry Date: 6 months