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Product Datasheet

Human PKCz(Protein Kinase C Zeta) ELISA Kit EBT-ELK1680

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| Article Name | Human PKCz(Protein Kinase C Zeta) ELISA Kit |
| Biozol Catalog Number | EBT-ELK1680 |
| Supplier Catalog Number | ELK1680 |
| Alternative Catalog Number | EBT-ELK1680-96, EBT-ELK1680-48, EBT-ELK1680-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Human |
| Concentration | 20 ng/mL |
| Range | 0.32-20 ng/mL |
| Sensitivity | 0.125 ng/mL |
| UniProt | Q05513 |
| Samples | Tissue homogenates and other biological fluids. |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Neuro science,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Human PKC ζ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PKC ζ . Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Human PKC ζ , biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Human PKC ζ in the samples is then determined by comparing the OD of the samples to the standard curve