

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### Human PKCγ(Protein Kinase C gamma) ELISA Kit EBT-ELK0921

Article Name	Human PKCγ(Protein Kinase C gamma) ELISA Kit
Biozol Catalog Number	EBT-ELK0921
Supplier Catalog Number	ELK0921
Alternative Catalog Number	EBT-ELK0921-96, EBT-ELK0921-48, EBT-ELK0921-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.062 ng/mL
UniProt	<a href="#">P05129</a>
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Enzyme & Kinase, Metabolic pathway, Apoptosis, Tumor immunity, . 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 $\gamma$ . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PKC $\gamma$ . 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 $\gamma$ , 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 $\gamma$  in the samples is then determined by comparing the OD of the samples to the standard curve