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Product Datasheet

Human PI3K(Phosphotylinosital 3 kinase) ELISA Kit EBT-ELK9879

Article Name	Human PI3K(Phosphotylinosital 3 kinase) ELISA Kit
Biozol Catalog Number	EBT-ELK9879
Supplier Catalog Number	ELK9879
Alternative Catalog Number	EBT-ELK9879-96, EBT-ELK9879-48, EBT-ELK9879-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.257 ng/mL
Samples	serum, plasma, tissue homogenates

Application Notes	Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 PI3K. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PI3K. 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 PI3K, 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 10nm. The concentration of Human PI3K in the samples is then determined by comparing the OD of the samples to the standard curve
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