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Product Datasheet

Human Phospho AKT S473 (p-AKT) ELISA Kit EBT-ELK0792

Article Name	Human Phospho AKT S473 (p-AKT) ELISA Kit
Biozol Catalog Number	EBT-ELK0792
Supplier Catalog Number	ELK0792
Alternative Catalog Number	EBT-ELK0792-96, EBT-ELK0792-48, EBT-ELK0792-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	52.5 pg/mL
Samples	tissue homogenates, cell lysates and other biological fluids

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 p-AKT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human p-AKT. 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 p-AKT, 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 p-AKT in the samples is then determined by comparing the OD of the samples to the standard curve
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