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## Product Datasheet

### **PIP3(Phosphatidylinositol Trisphosphate) ELISA Kit EBT-ELK8250**

Article Name	PIP3(Phosphatidylinositol Trisphosphate) ELISA Kit
Biozol Catalog Number	EBT-ELK8250
Supplier Catalog Number	ELK8250
Alternative Catalog Number	EBT-ELK8250-96,EBT-ELK8250-48,EBT-ELK8250-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	All
Concentration	500 ng/mL
Range	7.82-500 ng/mL
Sensitivity	2.84 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Signal transduction,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with PIP3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to PIP3. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 PIP3 in the samples is then determined by comparing the OD of the samples to the standard curve