

Product Datasheet

Porcine IP3(Inositol Triphosphate) ELISA Kit (orb1946602)

Description	Porcine IP3(Inositol Triphosphate) ELISA Kit
Reactivity	Porcine
Range	156.25-10000 pg/mL
Target	IP3
Note	For research use only
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Inositol Triphosphate(IP3) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Inositol Triphosphate(IP3). 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 Inositol Triphosphate(IP3) in the samples is then determined by comparing the OD of the samples to the standard curve.
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Sensitivity	49.7 pg/mL
Expiration Date	Please enquire.

