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Product Datasheet

Mouse phospho-Insulin Receptor, beta Subunit(pTyr1162/1163) ELISA Kit EBT-ELK0766

Article Name	Mouse phospho-Insulin Receptor, beta Subunit(pTyr1162/1163) ELISA Kit
Biozol Catalog Number	EBT-ELK0766
Supplier Catalog Number	ELK0766
Alternative Catalog Number	EBT-ELK0766-96, EBT-ELK0766-48, EBT-ELK0766-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	100 U/mL
Range	1.57-100 U/mL
Sensitivity	0.68 U/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Endocrinology, Autoimmunity, . 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 Mouse IR (Phospho) [pY1162/1163]. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse IR (Phospho) [pY1162/1163]. 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 Mouse IR (Phospho) [pY1162/1163], 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 Mouse IR (Phospho) [pY1162/1163] in the samples is then determined by comparing the OD of the samples to the standard curve