

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

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