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Product Datasheet

S1P(Sphingosine-1-Phosphate) ELISA Kit EBT-ELK8273

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| Article Name | S1P(Sphingosine-1-Phosphate) ELISA Kit |
| Biozol Catalog Number | EBT-ELK8273 |
| Supplier Catalog Number | ELK8273 |
| Alternative Catalog Number | EBT-ELK8273-96,EBT-ELK8273-48,EBT-ELK8273-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | All |
| Concentration | 1000 ng/mL |
| Range | 15.63-1000 ng/mL |
| Sensitivity | 4.48 ng/mL |
| Samples | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Ovarian dysfunction. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with S1P. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to S1P. 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 S1P in the samples is then determined by comparing the OD of the samples to the standard curve