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Product Datasheet

Mouse Phospho AKT S473 (p-AKT) ELISA Kit EBT-ELK0791

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| Article Name | Mouse Phospho AKT S473 (p-AKT) ELISA Kit |
| Biozol Catalog Number | EBT-ELK0791 |
| Supplier Catalog Number | ELK0791 |
| Alternative Catalog Number | EBT-ELK0791-96, EBT-ELK0791-48, EBT-ELK0791-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Mouse |
| Concentration | 10000 pg/mL |
| Range | 156.25-10000 pg/mL |
| Sensitivity | 49.6 pg/mL |
| Samples | tissue homogenates, cell lysates and other biological fluids |

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase,. 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 p-AKT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse p-AKT. 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 p-AKT, 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 p-AKT in the samples is then determined by comparing the OD of the samples to the standard curve