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## Product Datasheet

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

|                            |                                                              |
|----------------------------|--------------------------------------------------------------|
| 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 |

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| Application Notes | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme &amp; 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</p> |
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