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## Product Datasheet

### Mouse Alk-Smase(Alkaline Sphingomyelinase) ELISA Kit EBT-ELK2630

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|----------------------------|--|
| Article Name               | Mouse Alk-Smase(Alkaline Sphingomyelinase) ELISA Kit |
| Biozol Catalog Number      | EBT-ELK2630  |
| Supplier Catalog Number    | ELK2630  |
| Alternative Catalog Number | EBT-ELK2630-96, EBT-ELK2630-48, EBT-ELK2630-96X5     |
| Manufacturer               | ELK Biotechnology                                    |
| Category                   | Kits/Assays  |
| Species Reactivity         | Mouse  |
| Concentration              | 10 ng/mL   |
| Range                      | 0.16-10 ng/mL  |
| Sensitivity                | 0.049 ng/mL  |
| UniProt                    | <a href="#">Q3TIW9</a>                               |
| Samples                    | Tissue homogenates and other biological fluids.      |

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|-------------------|--|
| Application Notes | <p>Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme &amp; Kinase, Neuro science,. 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 Alk-Smase. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse Alk-Smase. 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 Alk-Smase, 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 Alk-Smase in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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