

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

Product Datasheet

Mouse SLC30A4(Solute Carrier Family 30 Member 4) ELISA Kit EBT-ELK6867

Article Name	Mouse SLC30A4(Solute Carrier Family 30 Member 4) ELISA Kit
Biozol Catalog Number	EBT-ELK6867
Supplier Catalog Number	ELK6867
Alternative Catalog Number	EBT-ELK6867-96, EBT-ELK6867-48, EBT-ELK6867-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.058 ng/mL
UniProt	O35149
Samples	Tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction,. 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 SLC30A4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse SLC30A4. 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 SLC30A4, 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 SLC30A4 in the samples is then determined by comparing the OD of the samples to the standard curve