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Product Datasheet

Mouse P2RX7(Purinergic Receptor P2X, Ligand Gated Ion Channel 7) ELISA Kit EBT-ELK0560

Article Name	Mouse P2RX7(Purinergic Receptor P2X, Ligand Gated Ion Channel 7) ELISA Kit
Biozol Catalog Number	EBT-ELK0560
Supplier Catalog Number	ELK0560
Alternative Catalog Number	EBT-ELK0560-96, EBT-ELK0560-48, EBT-ELK0560-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/mL
UniProt	Q9Z1M0
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule,. 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 P2RX7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse P2RX7. 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 P2RX7, 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 P2RX7 in the samples is then determined by comparing the OD of the samples to the standard curve