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## Product Datasheet

### **Rat P2RX7(Purinergic Receptor P2X, Ligand Gated Ion Channel 7) ELISA Kit EBT-ELK0082**

Article Name	Rat P2RX7(Purinergic Receptor P2X, Ligand Gated Ion Channel 7) ELISA Kit
Biozol Catalog Number	EBT-ELK0082
Supplier Catalog Number	ELK0082
Alternative Catalog Number	EBT-ELK0082-96, EBT-ELK0082-48, EBT-ELK0082-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.098 ng/mL
UniProt	<a href="#">Q64663</a>
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 Rat P2RX7. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat P2RX7 in the samples is then determined by comparing the OD of the samples to the standard curve