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Product Datasheet

Human P2RX4(Purinergic Receptor P2X, Ligand Gated Ion Channel 4) ELISA Kit EBT-ELK11245

Article Name	Human P2RX4(Purinergic Receptor P2X, Ligand Gated Ion Channel 4) ELISA Kit
Biozol Catalog Number	EBT-ELK11245
Supplier Catalog Number	ELK11245
Alternative Catalog Number	EBT-ELK11245-96, EBT-ELK11245-48, EBT-ELK11245-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.097 ng/mL
UniProt	Q99571
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 Human P2RX4. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human P2RX4. 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 Human P2RX4, 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 Human P2RX4 in the samples is then determined by comparing the OD of the samples to the standard curve