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Product Datasheet

Rat L1CAM(L1-Cell Adhesion Molecule) ELISA Kit EBT-ELK4462

Article Name	Rat L1CAM(L1-Cell Adhesion Molecule) ELISA Kit
Biozol Catalog Number	EBT-ELK4462
Supplier Catalog Number	ELK4462
Alternative Catalog Number	EBT-ELK4462-96, EBT-ELK4462-48, EBT-ELK4462-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	25 pg/mL
UniProt	Q05695
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Tumor immunity, Infection immunity, Neuroscience,. 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 L1CAM. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat L1CAM. 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 L1CAM, 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 L1CAM in the samples is then determined by comparing the OD of the samples to the standard curve