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Product Datasheet

Rat CD1A (T-Cell Surface Glycoprotein CD1A) ELISA Kit EBT-ELK0716

Article Name	Rat CD1A (T-Cell Surface Glycoprotein CD1A) ELISA Kit
Biozol Catalog Number	EBT-ELK0716
Supplier Catalog Number	ELK0716
Alternative Catalog Number	EBT-ELK0716-96, EBT-ELK0716-48, EBT-ELK0716-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.07 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Infection immunity, . 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 CD1A. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat CD1A. 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 CD1A, 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 CD1A in the samples is then determined by comparing the OD of the samples to the standard curve