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Product Datasheet

Mouse ITGa1(Integrin Alpha 1) ELISA Kit EBT-ELK3916

Article Name	Mouse ITGa1(Integrin Alpha 1) ELISA Kit
Biozol Catalog Number	EBT-ELK3916
Supplier Catalog Number	ELK3916
Alternative Catalog Number	EBT-ELK3916-96, EBT-ELK3916-48, EBT-ELK3916-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	30 pg/mL
UniProt	Q3V3R4
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 ITGa1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ITGa1. 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 ITGa1, 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 ITGa1 in the samples is then determined by comparing the OD of the samples to the standard curve