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Product Datasheet

Mouse CD83(Cluster Of Differentiation 83) ELISA Kit EBT-ELK3356

Article Name	Mouse CD83(Cluster Of Differentiation 83) ELISA Kit
Biozol Catalog Number	EBT-ELK3356
Supplier Catalog Number	ELK3356
Alternative Catalog Number	EBT-ELK3356-96, EBT-ELK3356-48, EBT-ELK3356-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	18.57 pg/mL
UniProt	O88324
Samples	serum, plasma, tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Infection immunity, Immune molecule, Dermatology, . 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 CD83. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse CD83. 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 CD83, 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 CD83 in the samples is then determined by comparing the OD of the samples to the standard curve