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Product Datasheet

Human CD83(Cluster Of Differentiation 83) Microsample ELISA Kit EBT-ELK10536MS

Article Name	Human CD83(Cluster Of Differentiation 83) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK10536MS
Supplier Catalog Number	ELK10536MS
Alternative Catalog Number	EBT-ELK10536MS-96, EBT-ELK10536MS-48, EBT-ELK10536MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	18.5 pg/mL
UniProt	Q01151
Samples	Serum, plasma, 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 Human CD83. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human CD83 in the samples is then determined by comparing the OD of the samples to the standard curve