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Product Datasheet

Human MCP(Membrane Cofactor Protein) ELISA Kit EBT-ELK1836

Article Name	Human MCP(Membrane Cofactor Protein) ELISA Kit
Biozol Catalog Number	EBT-ELK1836
Supplier Catalog Number	ELK1836
Alternative Catalog Number	EBT-ELK1836-96, EBT-ELK1836-48, EBT-ELK1836-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	800 pg/mL
Range	12.5-800 pg/mL
Sensitivity	4.9 pg/mL
UniProt	P15529
Samples	Serum, plasma, urine, saliva 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 Human MCP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human MCP. 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 MCP, 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 MCP in the samples is then determined by comparing the OD of the samples to the standard curve