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Product Datasheet

Mouse MCP5(Monocyte Chemotactic Protein 5) ELISA Kit EBT-ELK1378

Article Name	Mouse MCP5(Monocyte Chemotactic Protein 5) ELISA Kit
Biozol Catalog Number	EBT-ELK1378
Supplier Catalog Number	ELK1378
Alternative Catalog Number	EBT-ELK1378-96, EBT-ELK1378-48, EBT-ELK1378-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	5.4 pg/mL
UniProt	Q62401
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: Cytokine, Infection immunity, Human gene deletion,. 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 MCP5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse MCP5. 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 MCP5, 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 MCP5 in the samples is then determined by comparing the OD of the samples to the standard curve