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Product Datasheet

Mouse SEMA4D(Semaphorin 4D) ELISA Kit EBT-ELK5378

Article Name	Mouse SEMA4D(Semaphorin 4D) ELISA Kit
Biozol Catalog Number	EBT-ELK5378
Supplier Catalog Number	ELK5378
Alternative Catalog Number	EBT-ELK5378-96, EBT-ELK5378-48, EBT-ELK5378-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	50 ng/mL
Range	0.79-50 ng/mL
Sensitivity	0.3 ng/mL
UniProt	O09126
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: CD & Adhesion molecule, Tumor immunity, Infection immunity, Immune 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 SEMA4D. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse SEMA4D. 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 SEMA4D, 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 SEMA4D in the samples is then determined by comparing the OD of the samples to the standard curve