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Product Datasheet

Mouse sCD14(SolubleCluster of Differentiation 14) ELISA Kit EBT-ELK9619

Article Name	Mouse sCD14(SolubleCluster of Differentiation 14) ELISA Kit
Biozol Catalog Number	EBT-ELK9619
Supplier Catalog Number	ELK9619
Alternative Catalog Number	EBT-ELK9619-96, EBT-ELK9619-48, EBT-ELK9619-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Mouse
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.98 ng/mL
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: Immunology, Stem Cells, Kits/ Lysates/ Other. 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 sCD14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse sCD14. 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 sCD14, 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 sCD14 in the samples is then determined by comparing the OD of the samples to the standard curve
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