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## Product Datasheet

### **Dog sCD14(SolubleCluster of Differentiation 14) ELISA Kit EBT-ELK9676**

Article Name	Dog sCD14(SolubleCluster of Differentiation 14) ELISA Kit
Biozol Catalog Number	EBT-ELK9676
Supplier Catalog Number	ELK9676
Alternative Catalog Number	EBT-ELK9676-96, EBT-ELK9676-48, EBT-ELK9676-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.95 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	<p>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 Dog sCD14. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog 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 Dog 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 Dog sCD14 in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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