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## Product Datasheet

### **Dog CA125(Carbohydrate Antigen 125) ELISA Kit EBT-ELK0153**

Article Name	Dog CA125(Carbohydrate Antigen 125) ELISA Kit
Biozol Catalog Number	EBT-ELK0153
Supplier Catalog Number	ELK0153
Alternative Catalog Number	EBT-ELK0153-96, EBT-ELK0153-48, EBT-ELK0153-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	100 U/mL
Range	1.57-100 U/mL
Sensitivity	0.61 U/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: Tumor immunity, Reproductive science,. 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 CA125. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog CA125. 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 CA125, 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 CA125 in the samples is then determined by comparing the OD of the samples to the standard curve