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Product Datasheet

Dog Cys-C(Cystatin C) ELISA Kit EBT-ELK10127

Article Name	Dog Cys-C(Cystatin C) ELISA Kit
Biozol Catalog Number	EBT-ELK10127
Supplier Catalog Number	ELK10127
Alternative Catalog Number	EBT-ELK10127-96, EBT-ELK10127-48, EBT-ELK10127-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	100 ng/mL
Range	1.56-100 ng/mL
Sensitivity	0.64 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: Tags & Cell Markers, Cell Biology, Stem Cells, Cardiovascular. 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 Cys-C. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog Cys-C. 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 Cys-C, 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 Cys-C in the samples is then determined by comparing the OD of the samples to the standard curve