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Product Datasheet

Dog CTXI(Cross Linked C-Telopeptide Of Type I Collagen) ELISA Kit EBT-ELK10020

Article Name	Dog CTXI(Cross Linked C-Telopeptide Of Type I Collagen) ELISA Kit
Biozol Catalog Number	EBT-ELK10020
Supplier Catalog Number	ELK10020
Alternative Catalog Number	EBT-ELK10020-96, EBT-ELK10020-96X5, EBT-ELK10020-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.075 ng/mL
Samples	serum, plasma and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Bone metabolism,. 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 CTXI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog CTXI. 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 CTXI, 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 CTXI in the samples is then determined by comparing the OD of the samples to the standard curve