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Product Datasheet

Dog CTXII(Cross Linked C-Telopeptide Of Type II Collagen) ELISA Kit EBT-ELK10021

Article Name	Dog CTXII(Cross Linked C-Telopeptide Of Type II Collagen) ELISA Kit
Biozol Catalog Number	EBT-ELK10021
Supplier Catalog Number	ELK10021
Alternative Catalog Number	EBT-ELK10021-96, EBT-ELK10021-96X5, EBT-ELK10021-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	10000 pg/mL
Range	156.25-10000 pg/mL
Sensitivity	53.5 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Metabolic pathway, Bone metabolism, Rheumatology,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Dog CTXII. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog CTXII. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 CTXII in the samples is then determined by comparing the OD of the samples to the standard curve