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## Product Datasheet

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

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|--------------------------|--|
| Artikelname              | Dog CTXII(Cross Linked C-Telopeptide Of Type II Collagen) ELISA Kit              |
| Artikelnummer            | EBT-ELK10021   |
| Hersteller Artikelnummer | ELK10021   |
| Alternativnummer         | EBT-ELK10021-96, EBT-ELK10021-96X5, EBT-ELK10021-48                              |
| Hersteller               | ELK Biotechnology  |
| Kategorie                | Kits/Assays  |
| Spezies Reaktivität      | Canine   |
| Konzentration            | 10000 pg/mL  |
| Detektionsbereich        | 156.25-10000 pg/mL   |
| Sensitivitaet            | 53.5 pg/mL   |
| Proben                   | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Anwendungsbeschreibung

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