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Product Datasheet

Rat CTXII(Cross Linked C-Telopeptide Of Type II Collagen) ELISA Kit EBT-ELK2671

Article Name	Rat CTXII(Cross Linked C-Telopeptide Of Type II Collagen) ELISA Kit
Biozol Catalog Number	EBT-ELK2671
Supplier Catalog Number	ELK2671
Alternative Catalog Number	EBT-ELK2671-96, EBT-ELK2671-48, EBT-ELK2671-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	8000 pg/mL
Range	125-8000 pg/mL
Sensitivity	36.4 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 Rat CTXII. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat CTXII in the samples is then determined by comparing the OD of the samples to the standard curve