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Product Datasheet

Dog REN(Renin) ELISA Kit EBT-ELK5621

Article Name	Dog REN(Renin) ELISA Kit
Biozol Catalog Number	EBT-ELK5621
Supplier Catalog Number	ELK5621
Alternative Catalog Number	EBT-ELK5621-96, EBT-ELK5621-48, EBT-ELK5621-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6 pg/mL
UniProt	Q6DYE7
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Cardiovascular biology, Kidney biomarker, Hormone 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 REN. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog REN. 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 REN, 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 REN in the samples is then determined by comparing the OD of the samples to the standard curve