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Product Datasheet

Pig CTSK(Cathepsin K) ELISA Kit EBT-ELK5934

Article Name	Pig CTSK(Cathepsin K) ELISA Kit
Biozol Catalog Number	EBT-ELK5934
Supplier Catalog Number	ELK5934
Alternative Catalog Number	EBT-ELK5934-96, EBT-ELK5934-48, EBT-ELK5934-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.107 ng/mL
UniProt	Q9GLE3
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Infection immunity, 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 Pig CTSK. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig CTSK. 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 Pig CTSK, 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 Pig CTSK in the samples is then determined by comparing the OD of the samples to the standard curve