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Product Datasheet

Pig Cys-C(Cystatin C) ELISA Kit EBT-ELK5704

Article Name	Pig Cys-C(Cystatin C) ELISA Kit
Biozol Catalog Number	EBT-ELK5704
Supplier Catalog Number	ELK5704
Alternative Catalog Number	EBT-ELK5704-96, EBT-ELK5704-48, EBT-ELK5704-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	800 ng/mL
Range	12.5-800 ng/mL
Sensitivity	5.8 ng/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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