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Product Datasheet

Pig Kim1(Kidney Injury Molecule 1) ELISA Kit EBT-ELK11190

Article Name	Pig Kim1(Kidney Injury Molecule 1) ELISA Kit
Biozol Catalog Number	EBT-ELK11190
Supplier Catalog Number	ELK11190
Alternative Catalog Number	EBT-ELK11190-96, EBT-ELK11190-48, EBT-ELK11190-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Porcine
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.137 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Tumor immunity, Infection immunity, Kidney biomarker, . 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 Kim1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig Kim1. 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 Kim1, 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 Kim1 in the samples is then determined by comparing the OD of the samples to the standard curve