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Product Datasheet

Simian Kim1(Kidney Injury Molecule 1) ELISA Kit EBT-ELK10074

Article Name	Simian Kim1(Kidney Injury Molecule 1) ELISA Kit
Biozol Catalog Number	EBT-ELK10074
Supplier Catalog Number	ELK10074
Alternative Catalog Number	EBT-ELK10074-96, EBT-ELK10074-48, EBT-ELK10074-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Primate
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.079 ng/mL
Samples	tissue homogenates, urine, cell culture supernates 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 Simian Kim1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian 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 Simian 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 Simian Kim1 in the samples is then determined by comparing the OD of the samples to the standard curve