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Product Datasheet

Rat S100A6(S100 Calcium Binding Protein A6) ELISA Kit EBT-ELK4261

Article Name	Rat S100A6(S100 Calcium Binding Protein A6) ELISA Kit
Biozol Catalog Number	EBT-ELK4261
Supplier Catalog Number	ELK4261
Alternative Catalog Number	EBT-ELK4261-96, EBT-ELK4261-48, EBT-ELK4261-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	P05964
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: Tumor immunity, Infection immunity, Hematology, Dermatology, . 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 Rat S100A6. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat S100A6. 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 Rat S100A6, 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 Rat S100A6 in the samples is then determined by comparing the OD of the samples to the standard curve