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Product Datasheet

Human S100A12(S100 Calcium Binding Protein A12) ELISA Kit EBT-ELK1073

Article Name	Human S100A12(S100 Calcium Binding Protein A12) ELISA Kit
Biozol Catalog Number	EBT-ELK1073
Supplier Catalog Number	ELK1073
Alternative Catalog Number	EBT-ELK1073-96, EBT-ELK1073-48, EBT-ELK1073-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	31 pg/mL
UniProt	P80511
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: Signal transduction, Infection immunity, Immune molecule,. 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 Human S100A12. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human S100A12. 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 Human S100A12, 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 Human S100A12 in the samples is then determined by comparing the OD of the samples to the standard curve