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Product Datasheet

Human TLR8(Toll Like Receptor 8) Microsample ELISA Kit EBT-ELK2737MS

Article Name	Human TLR8(Toll Like Receptor 8) Microsample ELISA Kit
Biozol Catalog Number	EBT-ELK2737MS
Supplier Catalog Number	ELK2737MS
Alternative Catalog Number	EBT-ELK2737MS-96, EBT-ELK2737MS-48, EBT-ELK2737MS-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.112 ng/mL
UniProt	Q9NR97
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Tumor immunity, Infection immunity, Immune molecule, Pulmonology, . 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 TLR8. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human TLR8. 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 TLR8, 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 TLR8 in the samples is then determined by comparing the OD of the samples to the standard curve