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Product Datasheet

Simian IL1R2(Interleukin 1 Receptor Type II) ELISA Kit EBT-ELK7907

Article Name	Simian IL1R2(Interleukin 1 Receptor Type II) ELISA Kit
Biozol Catalog Number	EBT-ELK7907
Supplier Catalog Number	ELK7907
Alternative Catalog Number	EBT-ELK7907-96,EBT-ELK7907-48,EBT-ELK7907-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Primate
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.205 ng/mL
UniProt	Q29612
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, CD & Adhesion molecule, Infection immunity,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been precoated with an antibody specific to Simian IL1R2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Simian IL1R2. 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 IL1R2, 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 IL1R2 in the samples is then determined by comparing the OD of the samples to the standard curve