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Product Datasheet

Rat IL1RA(Interleukin 1 Receptor Antagonist) ELISA Kit EBT-ELK1952

Article Name	Rat IL1RA(Interleukin 1 Receptor Antagonist) ELISA Kit
Biozol Catalog Number	EBT-ELK1952
Supplier Catalog Number	ELK1952
Alternative Catalog Number	EBT-ELK1952-96, EBT-ELK1952-48, EBT-ELK1952-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	13.4 pg/mL
UniProt	P25086
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine,Signal transduction,Infection immunity,. 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 IL1RA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IL1RA. 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 IL1RA, 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 IL1RA in the samples is then determined by comparing the OD of the samples to the standard curve