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Product Datasheet

Guinea pig IL1b(Interleukin 1 Beta) ELISA Kit EBT-ELK1281

Article Name	Guinea pig IL1b(Interleukin 1 Beta) ELISA Kit
Biozol Catalog Number	EBT-ELK1281
Supplier Catalog Number	ELK1281
Alternative Catalog Number	EBT-ELK1281-96, EBT-ELK1281-48, EBT-ELK1281-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Guinea pig
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.9 pg/mL
UniProt	Q9WVG1
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: Cytokine, Tumor immunity, 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 Guinea pig IL1b. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig IL1b. 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 Guinea pig IL1b, 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 Guinea pig IL1b in the samples is then determined by comparing the OD of the samples to the standard curve