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Product Datasheet

Guinea pig IL10(Interleukin 10) ELISA Kit EBT-ELK5745

Article Name	Guinea pig IL10(Interleukin 10) ELISA Kit
Biozol Catalog Number	EBT-ELK5745
Supplier Catalog Number	ELK5745
Alternative Catalog Number	EBT-ELK5745-96, EBT-ELK5745-48, EBT-ELK5745-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Guinea pig
Concentration	200 pg/mL
Range	3.13-200 pg/mL
Sensitivity	1.18 pg/mL
UniProt	Q9Z1Y5
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, 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 IL10. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig IL10. 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 IL10, 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 IL10 in the samples is then determined by comparing the OD of the samples to the standard curve