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## Product Datasheet

### Guinea pig IL1a(Interleukin 1 Alpha) ELISA Kit EBT-ELK5916

Article Name	Guinea pig IL1a(Interleukin 1 Alpha) ELISA Kit
Biozol Catalog Number	EBT-ELK5916
Supplier Catalog Number	ELK5916
Alternative Catalog Number	EBT-ELK5916-96, EBT-ELK5916-48, EBT-ELK5916-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Guinea pig
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	6.8 pg/mL
UniProt	<a href="#">Q60480</a>
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Apoptosis, . 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 IL1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig IL1a. 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 IL1a, 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 IL1a in the samples is then determined by comparing the OD of the samples to the standard curve