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## Product Datasheet

### **Human IFI16(Gamma-interferon-inducible protein 16) ELISA Kit EBT-ELK9726**

Article Name	Human IFI16(Gamma-interferon-inducible protein 16) ELISA Kit
Biozol Catalog Number	EBT-ELK9726
Supplier Catalog Number	ELK9726
Alternative Catalog Number	EBT-ELK9726-96, EBT-ELK9726-48, EBT-ELK9726-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.064 ng/mL
UniProt	<a href="#">Q16666</a>
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: Cell Biology, Epigenetics and Nuclear Signaling, Metabolism. 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 Human IFI16. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human IFI16. 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 Human IFI16, 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 Human IFI16 in the samples is then determined by comparing the OD of the samples to the standard curve