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## Product Datasheet

### **Human Anti-GAD(Anti-Glutamic Acid Decarboxylase Antibody) ELISA Kit EBT-ELK7911**

Article Name	Human Anti-GAD(Anti-Glutamic Acid Decarboxylase Antibody) ELISA Kit
Biozol Catalog Number	EBT-ELK7911
Supplier Catalog Number	ELK7911
Alternative Catalog Number	EBT-ELK7911-96,EBT-ELK7911-48,EBT-ELK7911-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.59 ng/mL
Samples	Serum, plasma and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Enzyme & Kinase, Endocrinology, Neuro science, Autoimmunity,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Anti-GAD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Anti-GAD. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 Anti-GAD in the samples is then determined by comparing the OD of the samples to the standard curve