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## Product Datasheet

### Human gABA(Gamma-Aminobutyric Acid) ELISA Kit EBT-ELK0753

Article Name	Human gABA(Gamma-Aminobutyric Acid) ELISA Kit
Biozol Catalog Number	EBT-ELK0753
Supplier Catalog Number	ELK0753
Alternative Catalog Number	EBT-ELK0753-96, EBT-ELK0753-48, EBT-ELK0753-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Human
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	14.7 pg/mL
Samples	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2.5h. Research Area: Signal transduction, Cardiovascular biology, Neuro science, Bone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human gABA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human gABA. 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 gABA in the samples is then determined by comparing the OD of the samples to the standard curve