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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 |

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| Application Notes | <p>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</p> |
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