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## Product Datasheet

### Human Dyn(Big Dynorphin) ELISA Kit EBT-ELK1675

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|----------------------------|--|
| Article Name               | Human Dyn(Big Dynorphin) ELISA Kit               |
| Biozol Catalog Number      | EBT-ELK1675                                      |
| Supplier Catalog Number    | ELK1675  |
| Alternative Catalog Number | EBT-ELK1675-96, EBT-ELK1675-48, EBT-ELK1675-96X5 |
| Manufacturer               | ELK Biotechnology                                |
| Category                   | Kits/Assays                                      |
| Species Reactivity         | Human  |
| Concentration              | 500 pg/mL  |
| Range                      | 7.82-500 pg/mL                                   |
| Sensitivity                | 2.51 pg/mL                                       |
| Samples                    | Serum, plasma and other biological fluids        |

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Signal transduction, Neuro science,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human Dyn. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human Dyn. 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 Dyn in the samples is then determined by comparing the OD of the samples to the standard curve