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## Product Datasheet

### Pig betaEP(Beta-Endorphin) ELISA Kit EBT-ELK0332

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|----------------------------|--|
| Article Name               | Pig betaEP(Beta-Endorphin) ELISA Kit   |
| Biozol Catalog Number      | EBT-ELK0332  |
| Supplier Catalog Number    | ELK0332  |
| Alternative Catalog Number | EBT-ELK0332-96, EBT-ELK0332-48, EBT-ELK0332-96X5                                 |
| Manufacturer               | ELK Biotechnology  |
| Category                   | Kits/Assays  |
| Species Reactivity         | Porcine  |
| Concentration              | 1000 pg/mL   |
| Range                      | 15.63-1000 pg/mL   |
| Sensitivity                | 4.95 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,Endocrinology,Neuro science,Hormone metabolism,. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Pig betaEP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig betaEP. 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 Pig betaEP in the samples is then determined by comparing the OD of the samples to the standard curve</p> |
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