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## Product Datasheet

### Rat NT(Neurotensin) ELISA Kit EBT-ELK6069

Article Name	Rat NT(Neurotensin) ELISA Kit
Biozol Catalog Number	EBT-ELK6069
Supplier Catalog Number	ELK6069
Alternative Catalog Number	EBT-ELK6069-96, EBT-ELK6069-48, EBT-ELK6069-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	3000 pg/mL
Range	46.88-3000 pg/mL
Sensitivity	14.5 pg/mL
UniProt	<a href="#">P20068</a>
Samples	Serum, plasma, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Competitive Inhibition. Assay length: 2h. Research Area: Reproductive science, 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 Rat NT. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NT. 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 Rat NT in the samples is then determined by comparing the OD of the samples to the standard curve