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## Product Datasheet

### Rat aMSH(Alpha-Melanocyte Stimulating Hormone) ELISA Kit EBT-ELK5099

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|----------------------------|--|
| Article Name               | Rat aMSH(Alpha-Melanocyte Stimulating Hormone) ELISA Kit                         |
| Biozol Catalog Number      | EBT-ELK5099  |
| Supplier Catalog Number    | ELK5099  |
| Alternative Catalog Number | EBT-ELK5099-96, EBT-ELK5099-48, EBT-ELK5099-96X5                                 |
| Manufacturer               | ELK Biotechnology  |
| Category                   | Kits/Assays  |
| Species Reactivity         | Rat  |
| Concentration              | 10000 pg/mL  |
| Range                      | 156.25-10000 pg/mL   |
| Sensitivity                | 47.6 pg/mL   |
| Samples                    | serum, plasma, cell lysates, cell culture supernates and other biological fluids |

Application Notes

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