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## Product Datasheet

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

Artikelname	Rat aMSH(Alpha-Melanocyte Stimulating Hormone) ELISA Kit
Artikelnummer	EBT-ELK5099
Hersteller Artikelnummer	ELK5099
Alternativnummer	EBT-ELK5099-96, EBT-ELK5099-48, EBT-ELK5099-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10000 pg/mL
Detektionsbereich	156.25-10000 pg/mL
Sensitivitaet	47.6 pg/mL
Proben	serum, plasma, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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  $\pm$  10nm. The concentration of Rat aMSH in the samples is then determined by comparing the OD of the samples to the standard curve