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Product Datasheet

Rat CRH(Corticotropin Releasing Hormone) ELISA Kit EBT-ELK10459

Article Name	Rat CRH(Corticotropin Releasing Hormone) ELISA Kit
Biozol Catalog Number	EBT-ELK10459
Supplier Catalog Number	ELK10459
Alternative Catalog Number	EBT-ELK10459-96, EBT-ELK10459-48, EBT-ELK10459-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.14 ng/mL
UniProt	P01143
Samples	serum, plasma and other biological fluids

Application Notes

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