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Product Datasheet

Rat Corticotropin Releasing Hormone (CRH) ELISA Kit BYT-ORB1806844

Article Name	Rat Corticotropin Releasing Hormone (CRH) ELISA Kit
Biozol Catalog Number	BYT-ORB1806844
Supplier Catalog Number	orb1806844
Alternative Catalog Number	BYT-ORB1806844-48,BYT-ORB1806844-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Rat
Product Description	Rat Corticotropin Releasing Hormone (CRH) ELISA Kit...
Range	0.31-20ng/mL
Sensitivity	0.19 ng/mL
UniProt	P01143
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	CRH

Application Notes

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat CRH. During the reaction, Rat CRH in the sample or standard competes with a fixed amount of Rat CRH on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat CRH. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm \pm 2 nm. The concentration of Rat CRH in tested samples can be calculated by comparing the OD of the samples to the standard curve