

Product Datasheet

Rat β -EP(Beta-Endorphin) ELISA Kit (orb1806812)

Description	Rat β -EP(Beta-Endorphin) ELISA Kit
Reactivity	Rat
Range	15.63-1000pg/mL
Target	bEP
Note	For research use only
Application notes	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat β-EP. During the reaction, Rat β-EP in the sample or standard competes with a fixed amount of Rat β-EP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat β-EP. 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 β-EP in tested samples can be calculated by comparing the OD of the samples to the standard curve.</p>
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Sensitivity	9.38 pg/mL
Expiration Date	Please enquire.

