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## Product Datasheet

### Rat Orexin A (OXA) ELISA Kit BYT-ORB1806824

Artikelname	Rat Orexin A (OXA) ELISA Kit
Artikelnummer	BYT-ORB1806824
Hersteller Artikelnummer	orb1806824
Alternativnummer	BYT-ORB1806824-48,BYT-ORB1806824-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Produktbeschreibung	Rat Orexin A (OXA) ELISA Kit...
Detektionsbereich	62.5-4000pg/mL
Sensitivitaet	37.50 pg/mL
Proben	serum, plasma, Tissue homogenate and Other biological samples
Target-Kategorie	OXA

Anwendungsbeschreibung

Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat OXA. During the reaction, Rat OXA in the sample or standard competes with a fixed amount of Rat OXA on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat OXA. 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 OXA in tested samples can be calculated by comparing the OD of the samples to the standard curve