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Product Datasheet

Rat OXTR(Oxytocin Receptor) ELISA Kit EBT-ELK6035

Artikelname	Rat OXTR(Oxytocin Receptor) ELISA Kit
Artikelnummer	EBT-ELK6035
Hersteller Artikelnummer	ELK6035
Alternativnummer	EBT-ELK6035-96, EBT-ELK6035-48, EBT-ELK6035-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.058 ng/mL
UniProt	P70536
Proben	tissue homogenates, cell lysates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Reproductive science,. Test principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat OXTR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat OXTR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat OXTR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 OXTR in the samples is then determined by comparing the OD of the samples to the standard curve