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## Product Datasheet

### Rat APLNR(Apelin Receptor) ELISA Kit EBT-ELK10744

Artikelname	Rat APLNR(Apelin Receptor) ELISA Kit
Artikelnummer	EBT-ELK10744
Hersteller Artikelnummer	ELK10744
Alternativnummer	EBT-ELK10744-96, EBT-ELK10744-96X5, EBT-ELK10744-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Rat
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	9.8 pg/mL
UniProt	<a href="#">Q9JHG3</a>
Proben	Tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology,. 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 APLNR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APLNR. 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 APLNR, 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 APLNR in the samples is then determined by comparing the OD of the samples to the standard curve