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Product Datasheet

Rat UTS2R(Urotensin 2 Receptor) ELISA Kit EBT-ELK2351

Article Name	Rat UTS2R(Urotensin 2 Receptor) ELISA Kit
Biozol Catalog Number	EBT-ELK2351
Supplier Catalog Number	ELK2351
Alternative Catalog Number	EBT-ELK2351-96, EBT-ELK2351-48, EBT-ELK2351-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.107 ng/mL
UniProt	P49684
Samples	Tissue homogenates and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Cardiovascular biology, Hormone metabolism,. 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 UTS2R. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat UTS2R. 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 UTS2R, 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 UTS2R in the samples is then determined by comparing the OD of the samples to the standard curve