

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Rat MR(Mineralocorticoid Receptor) ELISA Kit EBT-ELK3628

Article Name	Rat MR(Mineralocorticoid Receptor) ELISA Kit
Biozol Catalog Number	EBT-ELK3628
Supplier Catalog Number	ELK3628
Alternative Catalog Number	EBT-ELK3628-96, EBT-ELK3628-48, EBT-ELK3628-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Rat
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
UniProt	P22199
Samples	tissue homogenates, cell lysates 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 MR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat MR. 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 MR, 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 MR in the samples is then determined by comparing the OD of the samples to the standard curve