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Product Datasheet

Rat Endothelin1 (ET-1) ELISA Kit BYT-ORB776300

Article Name	Rat Endothelin1 (ET-1) ELISA Kit
Biozol Catalog Number	BYT-ORB776300
Supplier Catalog Number	orb776300
Alternative Catalog Number	BYT-ORB776300-48, BYT-ORB776300-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
Product Description	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 Endothelin 1(EDN1)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.63 pg/mL
UniProt	P22387
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 500 pg/mL. 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 ET-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ET-1. 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 ET-1, 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 ET-1 in the samples is then determined by comparing the OD of the samples to the standard curve