

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

Product Datasheet

Rat N-Terminal Pro-Atrial Natriuretic Peptide (NT-ProANP) ELISA Kit BYT-ORB776264

Article Name	Rat N-Terminal Pro-Atrial Natriuretic Peptide (NT-ProANP) ELISA Kit
Biozol Catalog Number	BYT-ORB776264
Supplier Catalog Number	orb776264
Alternative Catalog Number	BYT-ORB776264-48, BYT-ORB776264-96
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 N-Terminal Pro-Atrial Natriuretic Peptide(NT-ProANP)....
Concentration	40 ng/mL
Range	0.63-40 ng/mL
Sensitivity	0.258 ng/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 40 ng/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 NT-ProANP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NT-ProANP. 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 NT-ProANP, 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 NT-ProANP in the samples is then determined by comparing the OD of the samples to the standard curve