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Product Datasheet

Rat N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) ELISA Kit BYT-ORB782041

Article Name	Rat N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) ELISA Kit
Biozol Catalog Number	BYT-ORB782041
Supplier Catalog Number	orb782041
Alternative Catalog Number	BYT-ORB782041-48, BYT-ORB782041-96
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-Brain Natriuretic Peptide(NT-ProBNP)....
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.057 ng/mL
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 10 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-ProBNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat NT-ProBNP. 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-ProBNP, 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-ProBNP in the samples is then determined by comparing the OD of the samples to the standard curve