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Product Datasheet

Human N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) ELISA Kit BYT-ORB775077

Article Name	Human N-Terminal Pro-Brain Natriuretic Peptide (NT-ProBNP) ELISA Kit
Biozol Catalog Number	BYT-ORB775077
Supplier Catalog Number	orb775077
Alternative Catalog Number	BYT-ORB775077-48,BYT-ORB775077-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
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	2500 pg/mL
Range	39.07-2500 pg/mL
Sensitivity	15 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes	<p>Application Notes: standard: 2500 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 Human NT-ProBNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human 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 Human 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 Human NT-ProBNP in the samples is then determined by comparing the OD of the samples to the standard curve</p>
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