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Product Datasheet

Human Atrial Natriuretic Peptide (ANP) ELISA Kit BYT-ORB1807123

Article Name	Human Atrial Natriuretic Peptide (ANP) ELISA Kit
Biozol Catalog Number	BYT-ORB1807123
Supplier Catalog Number	orb1807123
Alternative Catalog Number	BYT-ORB1807123-48,BYT-ORB1807123-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Human
Product Description	Human Atrial Natriuretic Peptide (ANP) ELISA Kit...
Range	7.82-500pg/mL
Sensitivity	3.1 pg/mL
UniProt	P01160
Samples	plasma
Target	ANP

Application Notes	Application Notes: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human ANP. During the reaction, Human ANP in the sample or standard competes with a fixed amount of Human ANP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Human ANP. Excess conjugate and unbound sample or standard are washed away, and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns from blue to yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Human ANP in tested samples can be calculated by comparing the OD of the samples to the standard curve
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