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Product Datasheet

Mouse C-type natriuretic peptide (CNP) ELISA Kit BYT-ORB1946785

Article Name	Mouse C-type natriuretic peptide (CNP) ELISA Kit
Biozol Catalog Number	BYT-ORB1946785
Supplier Catalog Number	orb1946785
Alternative Catalog Number	BYT-ORB1946785-48,BYT-ORB1946785-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse C-type natriuretic peptide (CNP) ELISA Kit...
Range	15.63-1000pg/mL
Sensitivity	9.38 pg/mL
UniProt	Q61839
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	CNP

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 Mouse CNP. During the reaction, Mouse CNP in the sample or standard competes with a fixed amount of Mouse CNP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Mouse CNP. 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 Mouse CNP in tested samples can be calculated by comparing the OD of the samples to the standard curve