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## Product Datasheet

### Mouse Brain Natriuretic Peptide (BNP) ELISA Kit BYT-ORB1946787

Article Name	Mouse Brain Natriuretic Peptide (BNP) ELISA Kit
Biozol Catalog Number	BYT-ORB1946787
Supplier Catalog Number	orb1946787
Alternative Catalog Number	BYT-ORB1946787-48,BYT-ORB1946787-96
Manufacturer	Biorbyt
Category	Kits/Assays
Species Reactivity	Mouse
Product Description	Mouse Brain Natriuretic Peptide (BNP) ELISA Kit...
Range	15.63-1000pg/mL
Sensitivity	9.38 pg/mL
UniProt	<a href="#">P40753</a>
Samples	serum, plasma, Tissue homogenate and Other biological samples
Target	BNP

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