

Product Datasheet

Rat ANP(Atrial Natriuretic Peptide) ELISA Kit (orb1806847)

Description	Rat ANP(Atrial Natriuretic Peptide) ELISA Kit
Reactivity	Rat
Range	15.63-1000pg/mL
Target	ANP
Note	For research use only
Application notes	This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Rat ANP. During the reaction, Rat ANP in the sample or standard competes with a fixed amount of Rat ANP on the solid phase supporter for sites on the Biotinylated Detection Ab specific to Rat 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 ± 2 nm. The concentration of Rat ANP in tested samples can be calculated by comparing the OD of the samples to the standard curve.
Sample Types	serum, plasma, Tissue homogenate and Other biological samples
Sensitivity	9.38 pg/mL
Expiration Date	Please enquire.

