

## Product Datasheet

### Mouse CNP(C-type natriuretic peptide) ELISA Kit (orb1946785)

## Description

## Mouse CNP(C-type natriuretic peptide) ELISA

### Reactivity

Mouse

### Range

15.63-1000pg/mL

### Target

CNP

### 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 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.

### Sample Types

serum, plasma, Tissue homogenate and Other biological samples

### Uniprot ID

[Q61839](#)

### Sensitivity

9.38 pg/mL

### Expiration Date

Please enquire.

