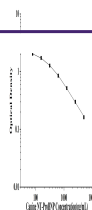

Product Datasheet

Canine NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit (orb1946497)

Description

Canine NT-ProBNP(N-Terminal Pro-Brain


Reactivity

Canine

Range

78.13-5000 pg/mL

Target

NT-ProBNP

Note

For research use only

Application notes

This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with N-Terminal Pro-Brain Natriuretic Peptide(NT-ProBNP) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to N-Terminal Pro-Brain Natriuretic Peptide(NT-ProBNP). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of $450\text{nm} \pm 10\text{nm}$. The concentration of N-Terminal Pro-Brain Natriuretic Peptide(NT-ProBNP) in the samples is then determined by comparing the OD of the samples to the standard curve.

Sample Types

serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Sensitivity

24.2 pg/mL

Expiration Date

Please enquire.