

Product Datasheet

Dog NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit (orb1950162)

Description

Dog NT-ProBNP(N-Terminal Pro-

Reactivity

Canine

Range

78.13-5000 pg/mL

Note

For research use only

Application notes

The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Dog NT-ProBNP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog NT-ProBNP. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Dog NT-ProBNP, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm \pm 10nm. The concentration of Dog 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.