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## 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  $450\text{nm} \pm 10\text{nm}$ . 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.