

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

## Product Datasheet

### **Dog NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit EBT-ELK0199**

Article Name	Dog NT-ProBNP(N-Terminal Pro-Brain Natriuretic Peptide) ELISA Kit
Biozol Catalog Number	EBT-ELK0199
Supplier Catalog Number	ELK0199
Alternative Catalog Number	EBT-ELK0199-96, EBT-ELK0199-48, EBT-ELK0199-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	24.8 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Endocrinology, Cardiovascular biology,. Test principle: 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 10nm. The concentration of Dog NT-ProBNP in the samples is then determined by comparing the OD of the samples to the standard curve