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Product Datasheet

Dog ET-1(Endothelin1) ELISA Kit EBT-ELK5700

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| Article Name | Dog ET-1(Endothelin1) ELISA Kit |
| Biozol Catalog Number | EBT-ELK5700 |
| Supplier Catalog Number | ELK5700 |
| Alternative Catalog Number | EBT-ELK5700-96, EBT-ELK5700-48, EBT-ELK5700-96X5 |
| Manufacturer | ELK Biotechnology |
| Category | Kits/Assays |
| Species Reactivity | Canine |
| Concentration | 500 pg/mL |
| Range | 7.82-500 pg/mL |
| Sensitivity | 2.65 pg/mL |
| UniProt | P13206 |
| 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 ET-1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog ET-1. 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 ET-1, 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 ET-1 in the samples is then determined by comparing the OD of the samples to the standard curve