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Product Datasheet

Dog APOA1(Apolipoprotein A1) ELISA Kit EBT-ELK11173

Article Name	Dog APOA1(Apolipoprotein A1) ELISA Kit
Biozol Catalog Number	EBT-ELK11173
Supplier Catalog Number	ELK11173
Alternative Catalog Number	EBT-ELK11173-96, EBT-ELK11173-48, EBT-ELK11173-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	200 µg/mL
Range	3.13-200 µg/mL
Sensitivity	0.94 µg/mL
UniProt	P02648
Samples	Serum, plasma and other biological fluids.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Metabolic pathway, Cardiovascular biology, Hepatology,. 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 APOA1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog APOA1. 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 APOA1, 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 APOA1 in the samples is then determined by comparing the OD of the samples to the standard curve