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Product Datasheet

Dog ELA1(Elastase 1, Pancreatic) ELISA Kit EBT-ELK10118

Article Name	Dog ELA1(Elastase 1, Pancreatic) ELISA Kit
Biozol Catalog Number	EBT-ELK10118
Supplier Catalog Number	ELK10118
Alternative Catalog Number	EBT-ELK10118-96, EBT-ELK10118-48, EBT-ELK10118-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.078 ng/mL
UniProt	Q867B0
Samples	serum, plasma, tissue homogenates and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Enzyme & Kinase, Infection immunity, 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 ELA1. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog ELA1. 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 ELA1, 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 ELA1 in the samples is then determined by comparing the OD of the samples to the standard curve