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Product Datasheet

Dog sIgA(Secretory Immunoglobulin A) ELISA Kit EBT-ELK10112

Article Name	Dog sIgA(Secretory Immunoglobulin A) ELISA Kit
Biozol Catalog Number	EBT-ELK10112
Supplier Catalog Number	ELK10112
Alternative Catalog Number	EBT-ELK10112-96, EBT-ELK10112-48, EBT-ELK10112-96X5
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	10 µg/mL
Range	0.16-10 µg/mL
Sensitivity	0.064 µg/mL
Samples	serum, plasma, saliva and other biological fluids

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Reproductive science, Genetic science, Dermatology, Immunodeficiency, . 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 sIgA. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog sIgA. 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 sIgA, 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 sIgA in the samples is then determined by comparing the OD of the samples to the standard curve