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Product Datasheet

Dog C5a(Complement Component 5a) ELISA Kit EBT-ELK10736

Article Name	Dog C5a(Complement Component 5a) ELISA Kit
Biozol Catalog Number	EBT-ELK10736
Supplier Catalog Number	ELK10736
Alternative Catalog Number	EBT-ELK10736-96, EBT-ELK10736-96X5, EBT-ELK10736-48
Manufacturer	ELK Biotechnology
Category	Kits/Assays
Species Reactivity	Canine
Concentration	100 ng/mL
Range	1.57-100 ng/mL
Sensitivity	0.57 ng/mL
Samples	Serum and plasma.

Application Notes

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Infection immunity, Immune molecule, Autoimmunity,. 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 C5a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog C5a. 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 C5a, 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 C5a in the samples is then determined by comparing the OD of the samples to the standard curve