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Product Datasheet

Dog C3a(Complement Component 3a) ELISA Kit
EBT-ELK6030

Artikelname	Dog C3a(Complement Component 3a) ELISA Kit
Artikelnummer	EBT-ELK6030
Hersteller Artikelnummer	ELK6030
Alternativnummer	EBT-ELK6030-96, EBT-ELK6030-48, EBT-ELK6030-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Konzentration	200 ng/mL
Detektionsbereich	3.13-200 ng/mL
Sensitivitaet	1.3 ng/mL
Proben	serum and plasma

Anwendungsbeschreibung	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 C3a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog C3a. 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 C3a, 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 C3a in the samples is then determined by comparing the OD of the samples to the standard curve