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Product Datasheet

Dog IL1a(Interleukin 1 Alpha) ELISA Kit EBT-ELK5914

Artikelname	Dog IL1a(Interleukin 1 Alpha) ELISA Kit
Artikelnummer	EBT-ELK5914
Hersteller Artikelnummer	ELK5914
Alternativnummer	EBT-ELK5914-96, EBT-ELK5914-48, EBT-ELK5914-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Konzentration	500 pg/mL
Detektionsbereich	7.82-500 pg/mL
Sensitivitaet	3.2 pg/mL
UniProt	O46612
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Cytokine, Apoptosis, . 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 IL1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog IL1a. 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 IL1a, 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 IL1a in the samples is then determined by comparing the OD of the samples to the standard curve