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Product Datasheet

Dog BDNF(Brain Derived Neurotrophic Factor) ELISA Kit EBT-ELK5417

Artikelname	Dog BDNF(Brain Derived Neurotrophic Factor) ELISA Kit
Artikelnummer	EBT-ELK5417
Hersteller Artikelnummer	ELK5417
Alternativnummer	EBT-ELK5417-96, EBT-ELK5417-48, EBT-ELK5417-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.068 ng/mL
UniProt	Q7YRB4
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, Infection immunity, Neuro science, . 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 BDNF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog BDNF. 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 BDNF, 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 BDNF in the samples is then determined by comparing the OD of the samples to the standard curve