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## Product Datasheet

### Dog CAT(Catalase) ELISA Kit EBT-ELK10013

Artikelname	Dog CAT(Catalase) ELISA Kit
Artikelnummer	EBT-ELK10013
Hersteller Artikelnummer	ELK10013
Alternativnummer	EBT-ELK10013-96, EBT-ELK10013-96X5, EBT-ELK10013-48
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Konzentration	10 ng/mL
Detektionsbereich	0.16-10 ng/mL
Sensitivitaet	0.071 ng/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

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