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Product Datasheet

Dog EGFR2(Epidermal Growth Factor Receptor 2) ELISA Kit EBT-ELK0537

Artikelname	Dog EGFR2(Epidermal Growth Factor Receptor 2) ELISA Kit
Artikelnummer	EBT-ELK0537
Hersteller Artikelnummer	ELK0537
Alternativnummer	EBT-ELK0537-96, EBT-ELK0537-48, EBT-ELK0537-96X5
Hersteller	ELK Biotechnology
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Konzentration	50 ng/mL
Detektionsbereich	0.78-50 ng/mL
Sensitivitaet	0.3 ng/mL
Proben	serum, plasma, tissue homogenates and other biological fluids

Anwendungsbeschreibung

Assay Type: Sandwich. Assay length: 3.5h. Research Area: Signal transduction, Tumor immunity, Reproductive science, 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 EGFR2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog EGFR2. 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 EGFR2, 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 EGFR2 in the samples is then determined by comparing the OD of the samples to the standard curve