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## Product Datasheet

### Dog Epidermal Growth Factor (EGF) ELISA Kit BYT-ORB782389

Artikelname	Dog Epidermal Growth Factor (EGF) ELISA Kit
Artikelnummer	BYT-ORB782389
Hersteller Artikelnummer	orb782389
Alternativnummer	BYT-ORB782389-48, BYT-ORB782389-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Canine
Produktbeschreibung	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 Epidermal Growth Factor(EGF)....
Konzentration	1000 pg/mL
Detektionsbereich	15.63-1000 pg/mL
Sensitivitaet	5.7 pg/mL
UniProt	<a href="#">Q9BEA0</a>
Proben	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

Application Notes: standard: 1000 pg/mL. 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 EGF. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog EGF. 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 EGF, 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 EGF in the samples is then determined by comparing the OD of the samples to the standard curve