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## Product Datasheet

### Dog Kallistatin (KAL) ELISA Kit BYT-ORB782705

Artikelname	Dog Kallistatin (KAL) ELISA Kit
Artikelnummer	BYT-ORB782705
Hersteller Artikelnummer	orb782705
Alternativnummer	BYT-ORB782705-48, BYT-ORB782705-96
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 Kallistatin(KAL)....
Konzentration	400 ng/mL
Detektionsbereich	6.25-400 ng/mL
Sensitivitaet	2.46 ng/mL
Proben	Serum, plasma, tissue homogenates and other biological fluids.

Anwendungsbeschreibung

Application Notes: standard: 400 ng/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 KAL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog KAL. 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 KAL, 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 KAL in the samples is then determined by comparing the OD of the samples to the standard curve