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Product Datasheet

Dog Kallistatin (KAL) ELISA Kit BYT-ORB782705

Article Name	Dog Kallistatin (KAL) ELISA Kit
Biozol Catalog Number	BYT-ORB782705
Supplier Catalog Number	orb782705
Alternative Catalog Number	BYT-ORB782705-48, BYT-ORB782705-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Canine
Product Description	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)....
Concentration	400 ng/mL
Range	6.25-400 ng/mL
Sensitivity	2.46 ng/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

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