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## Product Datasheet

### Dog Symmetric dimethylarginine (SDMA) ELISA Kit BYT-ORB782628

Article Name	Dog Symmetric dimethylarginine (SDMA) ELISA Kit
Biozol Catalog Number	BYT-ORB782628
Supplier Catalog Number	orb782628
Alternative Catalog Number	BYT-ORB782628-48, BYT-ORB782628-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Canine
Product Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with SDMA(Symmetric dimethylarginine) protein. Standards or samples are added to the appropriate microtiter plat...
Concentration	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.051 ng/mL
Samples	cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 10 ng/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Dog SDMA protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog SDMA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 SDMA in the samples is then determined by comparing the OD of the samples to the standard curve