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## Product Datasheet

### **Dog Glycated Hemoglobin A1c (HbA1c) ELISA Kit BYT-ORB1291282**

Article Name	Dog Glycated Hemoglobin A1c (HbA1c) ELISA Kit
Biozol Catalog Number	BYT-ORB1291282
Supplier Catalog Number	orb1291282
Alternative Catalog Number	BYT-ORB1291282-48, BYT-ORB1291282-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Canine
Product Description	Dog HbA1c (Glycated Hemoglobin A1c) ELISA Kit...
Concentration	1000 µg/mL
Range	15.63-1000 µg/mL
Sensitivity	4.07 µg/mL
Samples	plasma and erythrocyte lysates

Application Notes

Application Notes: standard: 1000 µg/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 HbA1c protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog HbA1c. 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 HbA1c in the samples is then determined by comparing the OD of the samples to the standard curve