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Product Datasheet

Dog High Sensitivity Cardiac Troponin I (hs-cTnI) ELISA Kit BYT-ORB782524

Article Name	Dog High Sensitivity Cardiac Troponin I (hs-cTnI) ELISA Kit
Biozol Catalog Number	BYT-ORB782524
Supplier Catalog Number	orb782524
Alternative Catalog Number	BYT-ORB782524-48, BYT-ORB782524-96
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 High Sensitivity Cardiac Troponin I(hs-cTnI)....
Concentration	1000 pg/mL
Range	15.63-1000 pg/mL
Sensitivity	4.97 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

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 hs-cTnI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog hs-cTnI. 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 hs-cTnI, 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 hs-cTnI in the samples is then determined by comparing the OD of the samples to the standard curve