

Please note: This document was created automatically and is not a substitute for the manufacturer's original document.

Product Datasheet

Dog Troponin T Type 2, Cardiac (cTnT/TNNT2) ELISA Kit BYT-ORB781963

Article Name	Dog Troponin T Type 2, Cardiac (cTnT/TNNT2) ELISA Kit
Biozol Catalog Number	BYT-ORB781963
Supplier Catalog Number	orb781963
Alternative Catalog Number	BYT-ORB781963-48, BYT-ORB781963-96
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 Troponin T Type 2, Cardiac(TNNT2)....
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	24.9 pg/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids

Application Notes

Application Notes: standard: 4000 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 cTnT/TNNT2. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog cTnT/TNNT2. 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 cTnT/TNNT2, 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 cTnT/TNNT2 in the samples is then determined by comparing the OD of the samples to the standard curve