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Product Datasheet

Dog Neuropeptide Y (NPY) ELISA Kit BYT-ORB1994915

Article Name	Dog Neuropeptide Y (NPY) ELISA Kit
Biozol Catalog Number	BYT-ORB1994915
Supplier Catalog Number	orb1994915
Alternative Catalog Number	BYT-ORB1994915-48, BYT-ORB1994915-96
Manufacturer	Biorbyt
Category	Kits/Assays
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 Dog NPY. Standards or samples are added to the appropriate microtiter plate wells then w...
Concentration	2000 pg/mL
Range	31.25-2000 pg/mL
Sensitivity	9.35 pg/mL
Samples	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 2000 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 NPY. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Dog NPY. 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 NPY, 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 NPY in the samples is then determined by comparing the OD of the samples to the standard curve