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Product Datasheet

Dog Neuropeptide Y (NPY) ELISA Kit BYT-ORB1994915

Artikelname	Dog Neuropeptide Y (NPY) ELISA Kit
Artikelnummer	BYT-ORB1994915
Hersteller Artikelnummer	orb1994915
Alternativnummer	BYT-ORB1994915-48, BYT-ORB1994915-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Spezies Reaktivität	Canine
Produktbeschreibung	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...
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	9.35 pg/mL
Proben	Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Anwendungsbeschreibung

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