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Product Datasheet

Chicken Neuropeptide Y (NPY) ELISA Kit BYT-ORB782711

Artikelname	Chicken Neuropeptide Y (NPY) ELISA Kit
Artikelnummer	BYT-ORB782711
Hersteller Artikelnummer	orb782711
Alternativnummer	BYT-ORB782711-48, BYT-ORB782711-96
Hersteller	Biorbyt
Kategorie	Kits/Assays
Applikation	ELISA
Spezies Reaktivität	Gallus
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 Neuropeptide Y(NPY)....
Konzentration	2000 pg/mL
Detektionsbereich	31.25-2000 pg/mL
Sensitivitaet	8.76 pg/mL
UniProt	P28673
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 Chicken NPY. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken 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 Chicken 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 Chicken NPY in the samples is then determined by comparing the OD of the samples to the standard curve