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Product Datasheet

Chicken Interferon Beta (IFN β) ELISA Kit BYT-ORB775988

Article Name	Chicken Interferon Beta (IFN β) ELISA Kit
Biozol Catalog Number	BYT-ORB775988
Supplier Catalog Number	orb775988
Alternative Catalog Number	BYT-ORB775988-48, BYT-ORB775988-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Gallus
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 Interferon Beta(IFN β)....
Concentration	200 pg/mL
Range	3.13-200 pg/mL
Sensitivity	1.24 pg/mL
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 200 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 IFN β . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Chicken IFN β . 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 IFN β , 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 \pm 10nm. The concentration of Chicken IFN β in the samples is then determined by comparing the OD of the samples to the standard curve