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Product Datasheet

Rat Interferon Beta (IFN β) ELISA Kit BYT-ORB776199

Article Name	Rat Interferon Beta (IFN β) ELISA Kit
Biozol Catalog Number	BYT-ORB776199
Supplier Catalog Number	orb776199
Alternative Catalog Number	BYT-ORB776199-48, BYT-ORB776199-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Rat
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	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.9 pg/mL
UniProt	P70499
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 500 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 Rat IFN β . Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 Rat IFN β in the samples is then determined by comparing the OD of the samples to the standard curve