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Product Datasheet

Rat Interferon Alpha 13 (IFNa13) ELISA Kit BYT-ORB780894

Article Name	Rat Interferon Alpha 13 (IFNa13) ELISA Kit
Biozol Catalog Number	BYT-ORB780894
Supplier Catalog Number	orb780894
Alternative Catalog Number	BYT-ORB780894-48, BYT-ORB780894-96
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 Alpha 13(IFNa13)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.9 pg/mL
Samples	Serum, plasma 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 α 13. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat IFN α 13. 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 α 13, 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 α 13 in the samples is then determined by comparing the OD of the samples to the standard curve