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Product Datasheet

Guinea pig Vasoactive Intestinal Peptide (VIP) ELISA Kit BYT-ORB780897

Article Name	Guinea pig Vasoactive Intestinal Peptide (VIP) ELISA Kit
Biozol Catalog Number	BYT-ORB780897
Supplier Catalog Number	orb780897
Alternative Catalog Number	BYT-ORB780897-48, BYT-ORB780897-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Guinea pig
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 Vasoactive Intestinal Peptide(VIP)....
Concentration	500 pg/mL
Range	7.82-500 pg/mL
Sensitivity	2.42 pg/mL
UniProt	P04566
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 Guinea pig VIP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Guinea pig VIP. 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 Guinea pig VIP, 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 Guinea pig VIP in the samples is then determined by comparing the OD of the samples to the standard curve