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Product Datasheet

Rat Ghrelin (GHRL) ELISA Kit BYT-ORB781589

Article Name	Rat Ghrelin (GHRL) ELISA Kit
Biozol Catalog Number	BYT-ORB781589
Supplier Catalog Number	orb781589
Alternative Catalog Number	BYT-ORB781589-48, BYT-ORB781589-96
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 Ghrelin(GHRL)....
Concentration	5000 pg/mL
Range	78.13-5000 pg/mL
Sensitivity	29 pg/mL
UniProt	Q9QYH7
Samples	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Application Notes

Application Notes: standard: 5000 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 GHRL. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GHRL. 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 GHRL, 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 Rat GHRL in the samples is then determined by comparing the OD of the samples to the standard curve