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Product Datasheet

Rat Growth Differentiation Factor 3 (GDF3) ELISA Kit BYT-ORB780125

Article Name	Rat Growth Differentiation Factor 3 (GDF3) ELISA Kit
Biozol Catalog Number	BYT-ORB780125
Supplier Catalog Number	orb780125
Alternative Catalog Number	BYT-ORB780125-48, BYT-ORB780125-96
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 Growth Differentiation Factor 3(GDF3)....
Concentration	4000 pg/mL
Range	62.5-4000 pg/mL
Sensitivity	29.5 pg/mL
Samples	Serum, plasma, tissue homogenates and other biological fluids.

Application Notes

Application Notes: standard: 4000 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 GDF3. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GDF3. 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 GDF3, 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 GDF3 in the samples is then determined by comparing the OD of the samples to the standard curve