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Product Datasheet

Rat Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) ELISA Kit BYT-ORB780037

Article Name	Rat Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) ELISA Kit
Biozol Catalog Number	BYT-ORB780037
Supplier Catalog Number	orb780037
Alternative Catalog Number	BYT-ORB780037-48, BYT-ORB780037-96
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 Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha(PPARgC1a)....
Concentration	20 ng/mL
Range	0.32-20 ng/mL
Sensitivity	0.126 ng/mL
UniProt	Q9QYK2
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes

Application Notes: standard: 20 ng/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 PPAR γ C1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat PPAR γ C1a. 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 PPAR γ C1a, 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 PPAR γ C1a in the samples is then determined by comparing the OD of the samples to the standard curve