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Product Datasheet

Human Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) ELISA Kit
BYT-ORB776963

Article Name	Human Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) ELISA Kit
Biozol Catalog Number	BYT-ORB776963
Supplier Catalog Number	orb776963
Alternative Catalog Number	BYT-ORB776963-48, BYT-ORB776963-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Human
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	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.053 ng/mL
UniProt	Q9UBK2
Samples	tissue homogenates, cell lysates and other biological fluids

Application Notes	Application Notes: standard: 10 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 Human PPARgC1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human PPARgC1a. 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 Human PPARgC1a, 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 Human PPARgC1a in the samples is then determined by comparing the OD of the samples to the standard curve