

Product Datasheet

Rat Peroxisome Proliferator Activated Receptor Gamma Coactivator 1 Alpha (PPARgC1a) ELISA Kit (orb780037)

Catalog Number	orb780037
Category	Assays and Kits
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).
Reactivity	Rat
Concentration	20 ng/mL
UniProt ID	Q9QYK2
Tested applications	ELISA
Application notes	<p>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 PPARgC1a. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat 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 Rat 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 \pm 10nm. The concentration of Rat PPARgC1a in the samples is then determined by comparing the OD of the samples to the standard curve</p>

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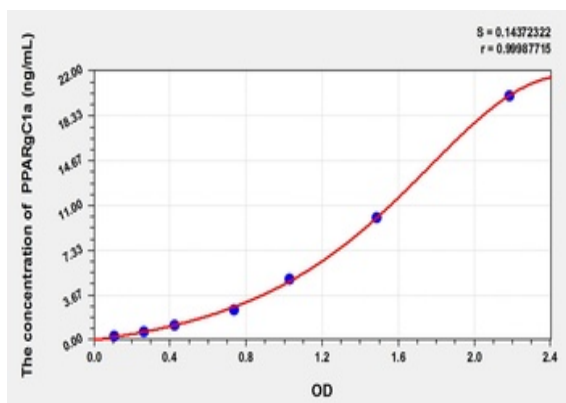
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Assay Type	Sandwich
Assay Time	3.5h
Range	0.32-20 ng/mL
Sensitivity	0.126 ng/mL
Sample Types	tissue homogenates, cell lysates and other biological fluids
Note	For research use only
Expiration Date	Please enquire.



Standard curve for orb780037 ELISA kit.

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