

Product Datasheet

Rat Adipose Differentiation Related Protein (ADRP) ELISA Kit (orb781462)

Catalog Number	orb781462
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 Adipose Differentiation Related Protein(ADRP).
Reactivity	Rat
Concentration	100 ng/mL
Tested applications	ELISA
Application notes	standard: 100 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 ADRP. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat ADRP. 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 ADRP, 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 ADRP in the samples is then determined by comparing the OD of the samples to the standard curve
Assay Type	Sandwich
Assay Time	3.5h
Range	1.57-100 ng/mL

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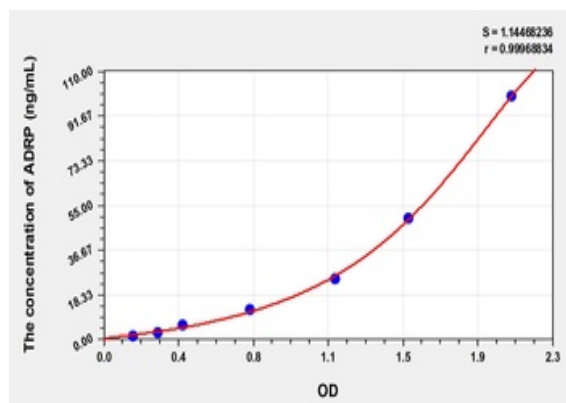
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Sensitivity 0.55 ng/mL

Sample Types Serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids

Note For research use only

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