

Product Datasheet

Rat Adropin (AD) ELISA Kit (orb1088203)

Catalog Number orb1088203

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 Adropin(AD). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Adropin(AD). 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 Adropin(AD), 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Adropin(AD) in the samples is then determined by comparing the OD of the samples to the standard curve.

Reactivity Rat

Range 31.25-2000 pg/mL

Concentration 2000 pg/mL

Note For research use only

Application notes standard: 2000 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 AD. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat AD. 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 AD, 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Rat AD in the samples is then determined by comparing the OD of the samples to the standard curve

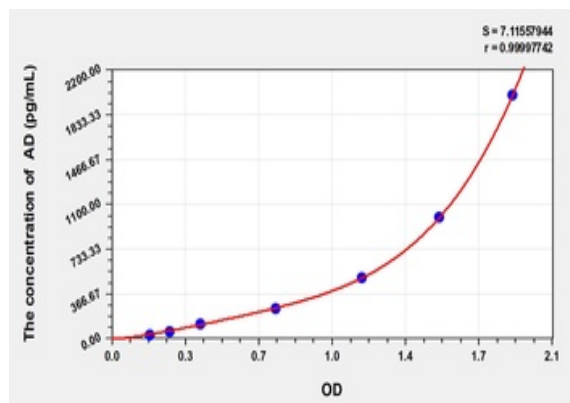
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Sample Types	serum, plasma, tissue homogenates and other biological fluids
Assay Time	3.5h
Sensitivity	12.5 pg/mL
Expiration Date	Please enquire.

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