

Product Datasheet

Rat Apelin (APLN) ELISA Kit (orb780828)

Catalog Number	orb780828
Description	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Apelin(APLN) protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Apelin(APLN).
Reactivity	Rat
Range	15.63-1000 pg/mL
Tested Applications	ELISA
Concentration	1000 pg/mL
Note	For research use only
Application notes	standard: 1000 pg/mL. Test principle: This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Rat APLN protein. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APLN. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added. 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 APLN in the samples is then determined by comparing the OD of the samples to the standard curve
Sample Types	serum, plasma, tissue homogenates, cell lysates, cell culture supernates and other biological fluids
Assay Time	2.5h
Uniprot ID	Q9R0R3
Sensitivity	4.36 pg/mL

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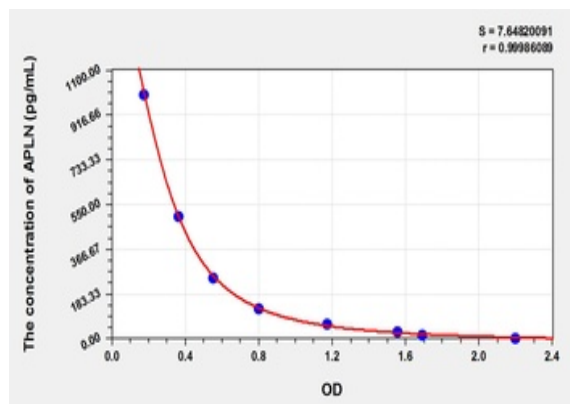
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Expiration Date

Please enquire.



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