

Product Datasheet

Pig Apelin Receptor (APLNR) ELISA Kit (orb1736583)

Catalog Number	orb1736583
Category	Assays and Kits
Description	<p>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 Pig APLNR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig APLNR. 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 Pig APLNR, 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 Pig APLNR in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
Reactivity	Porcine
Concentration	5000 pg/mL
Application notes	<p>standard: 5000 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 Pig APLNR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Pig APLNR. 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 Pig APLNR, 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 Pig APLNR in the samples is then determined by comparing the OD of the samples to the standard curve</p>

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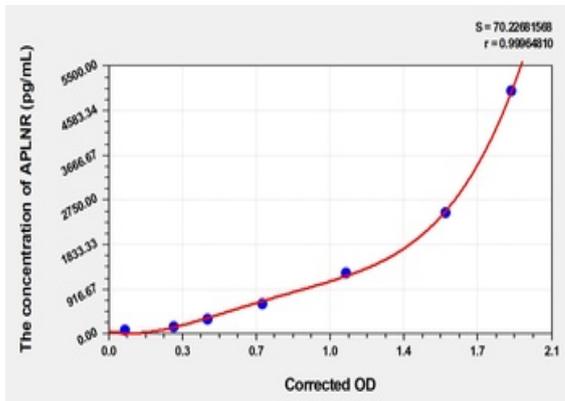
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Assay Type	Sandwich
Assay Time	3.5h
Range	78.13-5000 pg/mL
Sensitivity	25.3 pg/mL
Sample Types	Tissue homogenates and other biological fluids.
Note	For research use only

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