

Product Datasheet

Human Apelin 36 (AP36) ELISA Kit (orb2667930)

Catalog Number	orb2667930
Category	Assays and Kits
Description	Human Apelin 36 (AP36) ELISA Kit
Target	AP36
Reactivity	Human
Tested applications	ELISA
Application notes	This assay employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with Human AP36. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Human AP36. 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 $450\text{nm} \pm 10\text{nm}$. The concentration of Human AP36 in the samples is then determined by comparing the OD of the samples to the standard curve.
Assay Type	Competitive
Assay Time	2h
Standard	10 ng/mL
Range	0.16-10 ng/mL
Sensitivity	0.071 ng/mL
Sample Types	Serum, plasma and other biological fluids

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Note	For research use only
Expiration Date	6 months from date of receipt.

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