

## Product Datasheet

### Human Apelin 36 (AP36) ELISA Kit (orb1807121)

<b>Catalog Number</b>	orb1807121
<b>Category</b>	Assays and Kits
<b>Description</b>	Human Apelin 36 (AP36) ELISA Kit
<b>Target</b>	AP36
<b>Reactivity</b>	Human
<b>UniProt ID</b>	<b>Q9ULZ1</b>
<b>Application notes</b>	<p>This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with Human AP36. Standards or samples are added to the appropriate micro ELISA 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 450nm <math>\pm</math> 10nm. The concentration of Human AP36 in the samples is then determined by comparing the OD of the samples to the standard curve.</p>
<b>Assay Type</b>	Competitive
<b>Assay Time</b>	1.5H
<b>Standard</b>	3000pg/mL
<b>Range</b>	46.88-3000pg/mL
<b>Sensitivity</b>	15.2 pg/mL
<b>Sample Types</b>	serum, plasma, Tissue homogenate and Other biological samples

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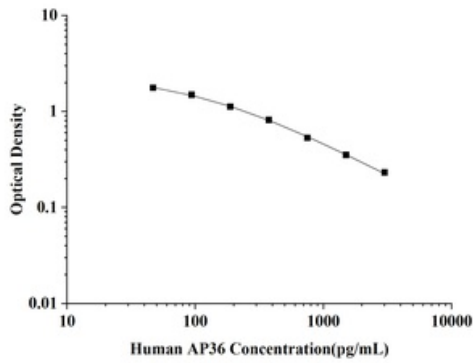
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**Note** For research use only

**Expiration Date** 6 months from date of receipt.



Standard curve for orb1807121 ELISA kit.

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