

Human Apelin-36 ELISA Kit | APLN36 elisa kit

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CATALOG #
AAA98101

REACTIVITY
Human

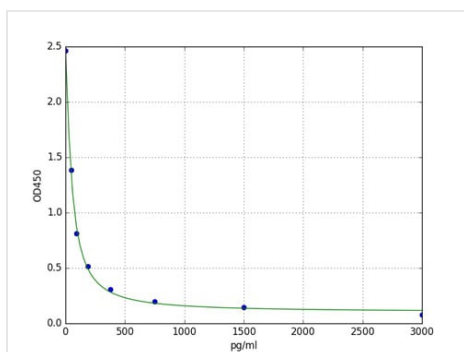
PRODUCT SYNONYMS

Apelin-36; Human Apelin-36 ELISA Kit; AP36 (Apelin 36); APLN36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	46.875-3000pg/ml
Sensitivity	28.125pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human APLN36 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	46.9	93.8	187.5	375	750	1500	3000
Y	OD450	2.469	2.060	1.640	1.234	0.954	0.634	0.500	0.379

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APLN36 elisa kit

Principle of the Assay||This ELISA kit uses Competitive-ELISA as the method. The microtiter plate provided in this kit has been pre-coated with Human APLN36. During the reaction, Human APLN36 in the sample or standard competes with a fixed amount of Human APLN36 on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Human APLN36. Excess conjugate and unbound sample or standard are washed from the plate, and HRP-Streptavidin (SABC) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. The concentration of Human APLN36 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.