

Human apelin 36 (AP36) ELISA Kit | AP36 elisa kit

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CATALOG #
AAA246685

REACTIVITY
Human

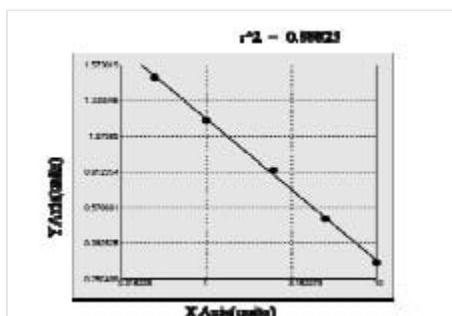
PRODUCT SYNONYMS

apelin 36 (AP36); Human apelin 36 (AP36) ELISA Kit; AP36 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP36 elisa kit

Intended Uses: This AP36 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AP36. This ELISA kit for research use only!

Principle of the Assay: AP36 ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-AP36 antibody and an AP36-HRP conjugate. The assay sample and buffer are incubated together with AP36-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the AP36 concentration since AP36 from samples and AP36-HRP conjugate compete for the anti-AP36 antibody binding site. Since the number of sites is limited, as more sites are occupied by AP36 from the sample, fewer sites are left to bind AP36-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The AP36 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for AP36 elisa kit

Neurobiology

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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/apelin-36-ap36/246685>