

Mouse Apelin 13 ELISA Kit | Apelin -13 elisa kit

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CATALOG #
AAA86610

REACTIVITY
Mouse

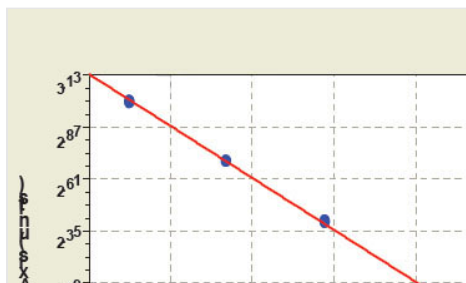
PRODUCT SYNONYMS

Apelin 13; Mouse Apelin 13 ELISA Kit; Apelin -13 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	50-1000pg/mL
Sensitivity	1.0pg/mL
Intended Uses	This APELIN 13 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse APELIN 13. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apelin - 13 elisa kit

Principle of the Assay: APELIN 13 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-APELIN 13 antibody and an APELIN 13-HRP conjugate. The assay sample and buffer are incubated together with APELIN 13-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 APELIN 13 concentration since APELIN 13 from samples and APELIN 13-HRP conjugate compete for the anti-APELIN 13 antibody binding site. Since the number of sites is limited, as more sites are occupied by APELIN 13 from the sample, fewer sites are left to bind APELIN 13-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The APELIN 13 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Apelin - 13 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/apelin-13-mouse-elisa-kits/apelin-13/86610>