

Rat Apelin ELISA Kit | Apln elisa kit

Rat Apelin ELISA Kit

CATALOG # AAA100962	REACTIVITY Rat
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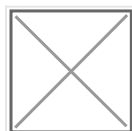
PRODUCT SYNONYMS

Apelin; Rat Apelin ELISA Kit; Apln (Apelin)/APEL/XNPEP2/APJ endogenous ligand; Apln elisa kit

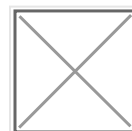
PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	77
Assay Type	Competitive ELISA, Coated with Antigen
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/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)



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apln 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 Rat Apln. During the reaction,Rat Apln in the sample or standard competes with a fixed amount of Rat Apln on the solid phase supporter for sites on the Biotinylated Detection Antibody specific to Rat Apln. 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 Rat Apln in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6708146
NCBI GeneID	8862
Molecular Weight	8,569 Da
NCBI Official Full Name	apelin
NCBI Official Synonym Full Names	apelin

NCBI Official Symbol	APLN
NCBI Official Synonym Symbols	APEL; XNPEP2
NCBI Protein Information	apelin
UniProt Protein Name	Apelin
UniProt Gene Name	APLN
UniProt Synonym Gene Names	APEL
UniProt Entry Name	APEL_HUMAN

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/apln-rat-elisa-kits/apelin/100962>