

Rat Apelin ELISA Kit | Apln elisa kit

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CATALOG #
AAA310184

REACTIVITY
Rat

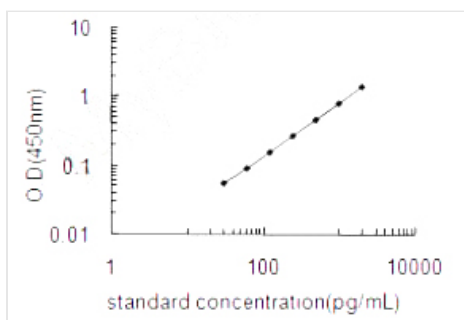
PRODUCT SYNONYMS

Apelin; Rat Apelin ELISA Kit; APJ endogenous ligand; Apln; Apel; Apln elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Apelin. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	31.2 pg/mL -2000 pg/mL
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Apln elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Apelin concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Apelin. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Apelin and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Apelin, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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 +/- 2 nm. The concentration of Apelin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

13928836

NCBI GeneID	58812
NCBI Accession #	NP_113800.1
NCBI GenBank Nucleotide #	NM_031612.3
UniProt Accession #	Q9R0R3
Molecular Weight	8,677 Da
NCBI Official Full Name	apelin preproprotein
NCBI Official Synonym Full Names	apelin
NCBI Official Symbol	Apln
NCBI Official Synonym Symbols	Apel
NCBI Protein Information	apelin
UniProt Protein Name	Apelin
UniProt Gene Name	Apln
UniProt Synonym Gene Names	Apel

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/310184>