Mouse APLN ELISA Kit | APLN elisa kit

Mouse APLN (Apelin) ELISA Kit

CATALOG #	REACTIVITY
AAA165852	**Mouse**

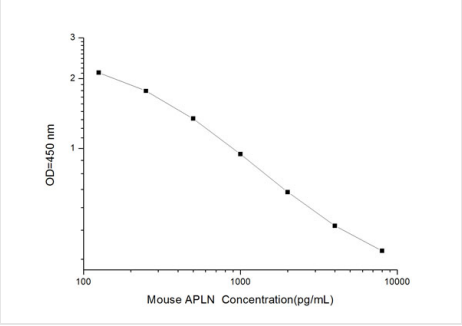
PRODUCT SYNONYMS

APLN; Mouse APLN (Apelin) ELISA Kit; APLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant Mouse APLN. No significant cross-reactivity or interference between Mouse APLN and analogues was observed.
Sequence Length	77
Samples	Serum, Plasma, Biological Fluids
Assay Type	Competitive
Detection Range	125-8000pg/mL
Sensitivity	Min: 75pg/mL; Max: 8000pg/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 ELISA kit applies to the in vitro quantitative determination of Mouse APLN concentrations in serum, plasma and other biological fluids. 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 APLN. During the reaction, APLN in the sample or standard competes with a fixed amount of APLN on the solid phase supporter for sites on the Biotinylated Detection Ab specific to APLN. Excess conjugate and unbound sample or standard are washed from the plate, 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. 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 APLN in the samples is then determined by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20137569
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; AGTRL1 ligand; APJ endogenous ligand
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://www.aaabiotech.com/mouse-elisa-kits/apln/165852