

Mouse apelin ELISA Kit | APLN elisa kit

mouse Apelin ELISA Kit

CATALOG #
AAA15149

REACTIVITY
Mouse

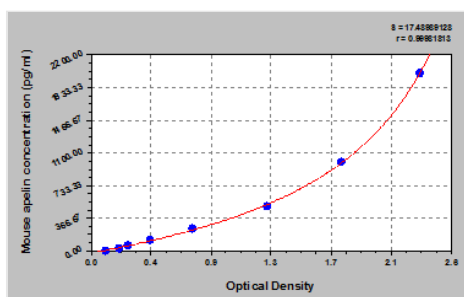
PRODUCT SYNONYMS

apelin; mouse Apelin ELISA Kit; mouse Apelin ELISA kit; XNPEP2; AGTRL1 ligand; peptide ligand for APJ receptor; APLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse apelin. No significant cross-reactivity or interference between mouse apelin and analogues was observed.
Sequence Length	77
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	31.25 pg/ml-2000 pg/ml
Sensitivity	< 7.81 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APLN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for apelin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any apelin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for apelin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of apelin bound in the initial step. The color development is stopped and the intensity of the color is measured.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	7304895
NCBI GeneID	30878
NCBI Accession #	NP_038940.1
NCBI GenBank Nucleotide #	NM_013912.3
UniProt Accession #	Q9R0R4
Molecular Weight	8,658 Da
NCBI Official Full Name	apelin
NCBI Official Synonym Full Names	apelin
NCBI Official Symbol	Apln
NCBI Official Synonym Symbols	Apel; 6030430G11Rik
NCBI Protein Information	apelin; preproapelin; APJ endogenous ligand
UniProt Protein Name	Apelin
UniProt Gene Name	Apln
UniProt Synonym Gene Names	Apel
UniProt Entry Name	APEL_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/apln-mouse-elisa-kits/apelin/15149>