

Human Apelin (APLN) ELISA Kit | APLN elisa kit

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CATALOG #
AAA332009

REACTIVITY
Human

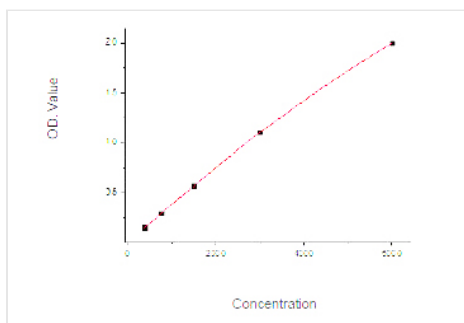
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	77
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APLN elisa kit

Principle of the Assay: Human Apelin (APLN) ELISA Kit employs a two-site sandwich ELISA to quantitate APLN in samples. An antibody specific for APLN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any APLN present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human APLN detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of APLN bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: APLN is a critical regulator of the myocardial response to infarction and ischemia. In obese and insulin-resistant mice, plasma apelin concentration after fasting was not modified but, the gene-expression level of the APL/APJ system was augmented in the white adipose tissue and reduced in the brown adipose tissue, liver and in kidneys.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6708146
NCBI GeneID	8862

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

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/human-elisa-kits/apelin-apln/332009>