

Rat APLNR (Apelin Receptor) ELISA Kit | APLNR elisa kit

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CATALOG #
AAA278575

REACTIVITY
Rat

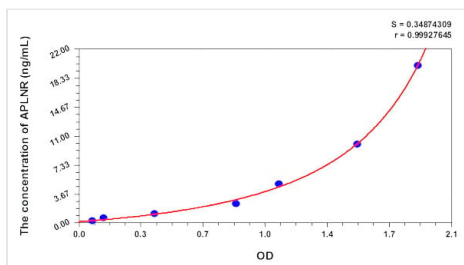
PRODUCT SYNONYMS

APLNR (Apelin Receptor); Rat APLNR (Apelin Receptor) ELISA Kit; AGTRL1; HG11; APJR; APJ; APJ Receptor; Angiotensin II Receptor-Like 1; Angiotensin receptor-like 1; APLNR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids.
Detection Range	31.25-2000pg/mL
Sensitivity	9.8pg/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APLNR elisa kit

Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Rat APLNR. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat APLNR. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Rat APLNR, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of Rat APLNR in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for APLNR elisa kit

[Endocrinology](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	13786192
NCBI GeneID	83518

NCBI Accession #	NP_112639.1
NCBI GenBank Nucleotide #	NM_031349.2
UniProt Accession #	Q9JHG3 ; Q9ESK2
Molecular Weight	42,349 Da
NCBI Official Full Name	apelin receptor
NCBI Official Synonym Full Names	apelin receptor
NCBI Official Symbol	Aplnr
NCBI Official Synonym Symbols	Apj; Agtrl1
NCBI Protein Information	apelin receptor
UniProt Protein Name	Apelin receptor
UniProt Gene Name	Aplnr
UniProt Synonym Gene Names	Agtrl1; Apj

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/rat-elisa-kits/aplnr-apelin-receptor/278575>