

Rat Apelin receptor, APLNR ELISA Kit | APLNR elisa kit

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CATALOG #
AAA120821

REACTIVITY
Rat

PRODUCT SYNONYMS

Apelin receptor; APLNR; Rat Apelin receptor; APLNR ELISA Kit; APLNR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	380
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.2ng/ml - 60ng/ml
Sensitivity	0.09ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for APLNR elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Apelin Receptor (also known as APLNR) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat APLNR antibody. APLNR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat APLNR Antibody is added and binds to APLNR in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated APLNR antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat APLNR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885057
NCBI GeneID	187
NCBI Accession #	NP_005152.1
NCBI GenBank Nucleotide #	NM_005161.4
UniProt Accession #	P35414
Molecular Weight	42,660 Da
NCBI Official Full Name	apelin receptor
NCBI Official Synonym Full Names	apelin receptor
NCBI Official Symbol	APLNR
NCBI Official Synonym Symbols	APJ; APJR; HG11; 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/apelin-receptor-aplnr/120821>