

Human Apelin receptor, APLNR ELISA Kit | APLNR elisa kit

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CATALOG #
AAA11303

REACTIVITY
Human

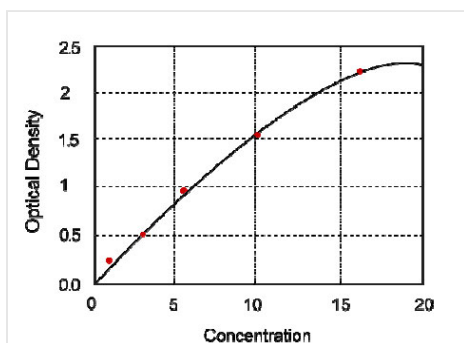
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	380
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	15-3000ng/L
Sensitivity	7.37ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human APLNR antibody. APLNR present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human 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 Human APLNR. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Apelin receptor (also known as APLNR) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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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.