

Mouse Aplnr (Apelin receptor) ELISA Kit | Aplnr elisa kit

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CATALOG #
AAA249798

REACTIVITY
Mouse

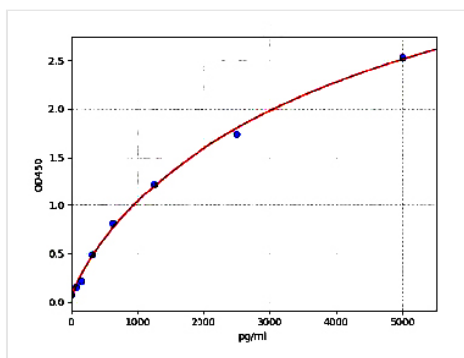
PRODUCT SYNONYMS

Aplnr (Apelin receptor); Mouse Aplnr (Apelin receptor) ELISA Kit; Apelin receptor; Angiotensin receptor-like 1; G-protein coupled receptor APJ; MSR; Aplnr; Agtrl1; Apj; Aplnr elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Aplnr. No significant cross-reactivity or interference between Aplnr and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Aplnr elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6753014
NCBI GeneID	23796
NCBI Accession #	NP_035914.1
NCBI GenBank Nucleotide #	NM_011784.3
UniProt Accession #	Q9WV08; Q3TZS9
Molecular Weight	42,266 Da
NCBI Official Full Name	apelin receptor
NCBI Official Synonym Full Names	apelin receptor
NCBI Official Symbol	Aplnr
NCBI Official Synonym Symbols	APJ; Agtrl1; msr/apj
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.