

Rat Apelin-12 (AP-12) ELISA Kit | AP-12 elisa kit

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CATALOG # AAA55170	REACTIVITY Rat
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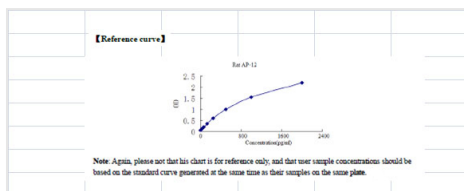
PRODUCT SYNONYMS

Apelin-12 (AP-12); Rat Apelin-12 (AP-12) ELISA Kit; AP-12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	380
Samples	Rat serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	2000 pg/mL-31.2 pg/mL
Sensitivity	Up to 12 pg/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AP-12 elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Rat AP-12 monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885057
NCBI GeneID	187

NCBI Accession #	NP_005152.1
NCBI GenBank Nucleotide #	NM_005161.4
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; APJ receptor; HG11 orphan receptor; APJ (apelin) receptor; angiotensin receptor-like 1; G protein-coupled receptor APJ; G-protein coupled receptor APJ; angiotensin II receptor-like 1; G-protein coupled receptor HG11
UniProt Protein Name	Apelin receptor
UniProt Gene Name	APLNR
UniProt Synonym Gene Names	AGTRL1; APJ
UniProt Entry Name	APJ_HUMAN

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-12-ap-12/55170>