

Rat Renin receptor ELISA Kit | Atp6ap2 elisa kit

Rat Renin receptor ELISA Kit

CATALOG #
AAA99655

REACTIVITY
Rat

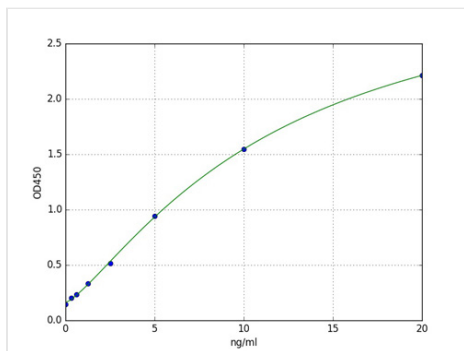
PRODUCT SYNONYMS

Renin receptor; Rat Renin receptor ELISA Kit; Atp6ap2; Atp6ap2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	350
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
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



Typical Data & Standard Curve

Results of a typical standard run of a Rat Atp6ap2 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.009	0.126	0.221	0.422	0.818	0.999	1.671	2.777

Standard Curve (Sample)

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Atp6ap2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Atp6ap2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Atp6ap2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Rat Atp6ap2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Atp6ap2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

15011918

NCBI GeneID	10159
NCBI Accession #	NP_005756.2
NCBI GenBank Nucleotide #	NM_005765.2
Molecular Weight	35,612 Da
NCBI Official Full Name	renin receptor
NCBI Official Synonym Full Names	ATPase H+ transporting accessory protein 2
NCBI Official Symbol	ATP6AP2
NCBI Official Synonym Symbols	PRR; M8-9; MRXE; RENR; XMRE; XPDS; HT028; MRXSH; ELDF10; ATP6IP2; MSTP009; APT6M8-9; ATP6M8-9
NCBI Protein Information	renin receptor
UniProt Protein Name	Renin receptor
UniProt Gene Name	ATP6AP2
UniProt Synonym Gene Names	ATP6IP2; CAPER; ELDF10; ATP6M8-9; V-ATPase M8.9 subunit
UniProt Entry Name	RENR_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://www.aaabiotech.com/atp6ap2-rat-elisa-kits/renin-receptor/99655>