

Mouse Renin ELISA Kit | REN elisa kit

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CATALOG #
AAA100059

REACTIVITY
Mouse

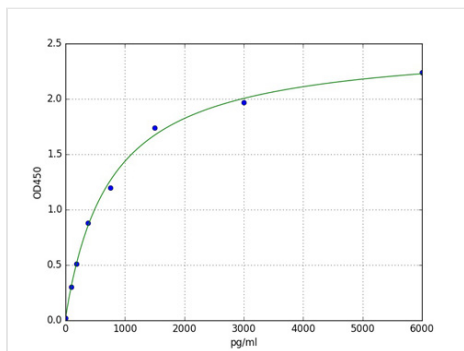
PRODUCT SYNONYMS

Renin; Mouse Renin ELISA Kit; REN/Renin/Angiotensinogenase/angiotensin-forming enzyme/HNFJ2/renin precursor; renal; REN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	406
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	93.75-6000pg/ml
Sensitivity	56.25pg/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



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse REN 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	pg/ml	0	93.8	187.5	375	750	1500	3000	6000
Y	OD450	0.025	0.156	0.294	0.450	0.834	1.170	1.855	2.668

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse RENantibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse REN 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. HRPStreptavidin 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 Mouse REN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse REN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

4506475

NCBI GeneID	5972
NCBI Accession #	NP_000528.1
NCBI GenBank Nucleotide #	NM_000537.3
Molecular Weight	44,726 Da
NCBI Official Full Name	renin preproprotein
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	REN
NCBI Official Synonym Symbols	HNFJ2
NCBI Protein Information	renin
UniProt Protein Name	Renin
UniProt Gene Name	REN
UniProt Entry Name	RENI_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/ren-mouse-elisa-kits/renin/100059>