

Goat Renin ELISA Kit | Renin elisa kit

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CATALOG #
AAA91404

REACTIVITY
Goat

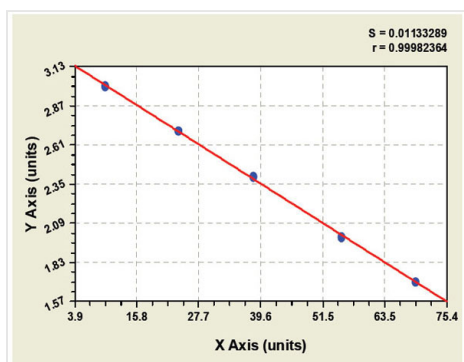
PRODUCT SYNONYMS

Renin; Goat Renin ELISA Kit; Renin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This Renin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat Renin. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Renin elisa kit

Principle of the Assay: Renin ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-Renin antibody and an Renin-HRP conjugate. The assay sample and buffer are incubated together with Renin-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the Renin concentration since Renin from samples and Renin-HRP conjugate compete for the anti-Renin antibody binding site. Since the number of sites is limited, as more sites are occupied by Renin from the sample, fewer sites are left to bind Renin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Renin concentration in each sample is interpolated from this standard curve.

Product Categories/Family for Renin elisa kit

Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	190994
NCBI GeneID	5972
UniProt Accession #	P00797; Q6FI38; Q6T5C2; Q15296; Q9UQK5
Molecular Weight	45,057 Da
NCBI Official Full Name	renin
NCBI Official Synonym Full Names	renin
NCBI Official Symbol	REN
NCBI Official Synonym Symbols	HNFJ2
NCBI Protein Information	renin; angiotensinogenase; renin precursor, renal; angiotensin-forming enzyme
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://stage.aaabiotech.com/goat-elisa-kits/renin/91404>