

Bovine Renin ELISA Kit | Renin elisa kit

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CATALOG #
AAA92075

REACTIVITY
Bovine

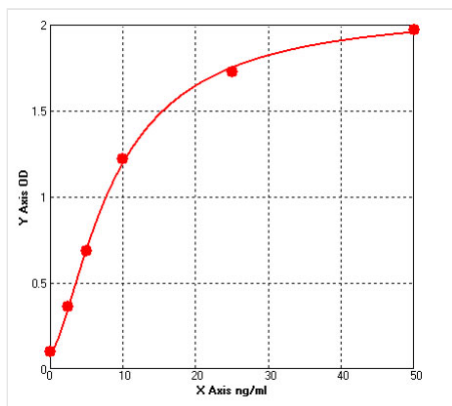
PRODUCT SYNONYMS

Renin; Bovine Renin ELISA Kit; Renin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Bovine
Specificity	This assay has high sensitivity and excellent specificity for detection of REN. No significant cross-reactivity or interference between REN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between REN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This Renin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine 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: REN ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for REN. Standards or samples are then added to the microtiter plate wells and REN if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of REN present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for REN are added to each well to "sandwich" the REN immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain REN and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The REN concentration in each sample is interpolated from this standard curve. Intended Uses: This REN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Bovine REN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for Renin elisa kit	Cardiovascular

NCBI AND UNIPROT INFORMATION

NCBI GI #	190994
NCBI GeneID	5972
Molecular Weight	44,726 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/bovine-ovine-elisa-kits/renin/92075>