

Pig Renin ELISA Kit | REN elisa kit

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CATALOG #
AAA112353

REACTIVITY
Pig

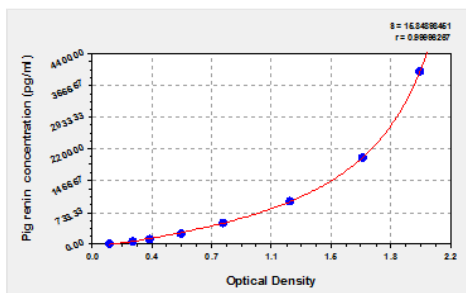
PRODUCT SYNONYMS

Renin; Pig Renin ELISA Kit; FLJ10761; HNFJ2; angiotensin-forming enzyme; angiotensinogenase; renin precursor; renal; REN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Pig
Specificity	This assay has high sensitivity and excellent specificity for detection of pig renin. No significant cross-reactivity or interference between pig renin and analogues was observed.
Sequence Length	422
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	62.5 pg/ml-4000 pg/ml
Sensitivity	< 15.6 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REN elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for renin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any renin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for renin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of renin bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	114052833
NCBI GeneID	516214
NCBI Accession #	NP_001039688.1
NCBI GenBank Nucleotide #	NM_001046223.1
UniProt Accession #	Q2KIS1
Molecular Weight	49,380 Da
NCBI Official Full Name	N-acylglucosamine 2-epimerase
NCBI Official Symbol	RENBP
NCBI Official Synonym Symbols	AGE; RnBP
NCBI Protein Information	N-acylglucosamine 2-epimerase; glcNAc 2-epimerase; renin-binding protein; N-acetyl-D-glucosamine 2-epimerase
UniProt Protein Name	N-acylglucosamine 2-epimerase
UniProt Gene Name	RENBP
UniProt Synonym Gene Names	AGE; RnBP
UniProt Entry Name	RENBP_BOVIN

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.