

Human relaxin 1 ELISA Kit | RLN1 elisa kit

Human Relaxin, RLN ELISA Kit

CATALOG #
AAA79988

REACTIVITY
Human

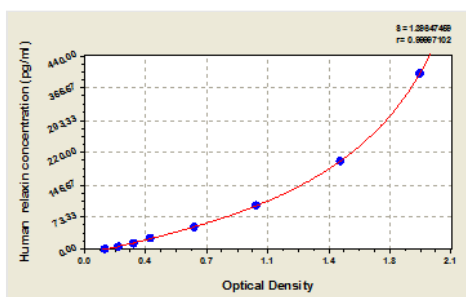
PRODUCT SYNONYMS

relaxin 1; Human Relaxin; RLN ELISA Kit; H1; RLXH1; bA12D24.3.1; bA12D24.3.2; preprorelaxin H1; prorelaxin; relaxin H1; RLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human relaxin. No significant cross-reactivity or interference between human relaxin and analogues was observed.
Sequence Length	185
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	6.25 pg/ml -400 pg/ml
Sensitivity	Typically less than 1.56 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 RLN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for relaxin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any relaxin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for relaxin 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 relaxin 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 #	5902052
NCBI GeneID	6013
NCBI Accession #	NP_008842.1
NCBI GenBank Nucleotide #	NM_006911.3
UniProt Accession #	P04808; Q99936; Q9UQJ1
Molecular Weight	21,146 Da
NCBI Official Full Name	prorelaxin H1 preproprotein
NCBI Official Synonym Full Names	relaxin 1
NCBI Official Symbol	RLN1
NCBI Official Synonym Symbols	H1; H1RLX; RLXH1; bA12D24.3.1; bA12D24.3.2
NCBI Protein Information	prorelaxin H1; preprorelaxin H1
UniProt Protein Name	Prorelaxin H1
UniProt Gene Name	RLN1
UniProt Entry Name	REL1_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.