

Rat relaxin 1 ELISA Kit | RLN1 elisa kit

Rat relaxin 1, RLN1 ELISA Kit

CATALOG #
AAA112944

REACTIVITY
Rat

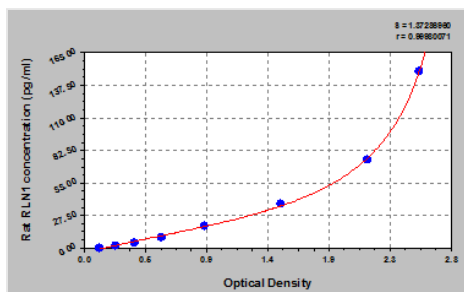
PRODUCT SYNONYMS

relaxin 1; Rat relaxin 1; RLN1 ELISA Kit; Rat relaxin 1 (RLN1) ELISA kit; H1; RLXH1; bA12D24.3.1; bA12D24.3.2; preprorelaxin H1; prorelaxin; relaxin H1; RLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of rat RLN1. No significant cross-reactivity or interference between rat RLN1 and analogues was observed.
Sequence Length	186
Samples	Serum, plasma, tissue homogenates, cell lysates
Assay Type	Quantitative Sandwich
Detection Range	2.4 pg/ml-150 pg/ml
Sensitivity	<0.6 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 RLN1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for RLN1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any RLN1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for RLN1 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 RLN1 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 #	7242203
NCBI GeneID	25616
NCBI Accession #	NP_038199.1
NCBI GenBank Nucleotide #	NM_013413.1
UniProt Accession #	P01347; Q78N50
Molecular Weight	20,489 Da
NCBI Official Full Name	prorelaxin 1
NCBI Official Synonym Full Names	relaxin 1
NCBI Official Symbol	Rln1
NCBI Official Synonym Symbols	RELAX
NCBI Protein Information	prorelaxin 1; preprorelaxin; Relaxin 1 (H1)
UniProt Protein Name	Prorelaxin 1
UniProt Gene Name	Rln1
UniProt Synonym Gene Names	Rln
UniProt Entry Name	REL1_RAT

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/rln1-rat-elisa-kits/relaxin-1/112944>