

Human RLN1 ELISA Kit | RLN1 elisa kit

Human RLN1 (Relaxin-1) ELISA Kit

CATALOG #
AAA166023

REACTIVITY
Human

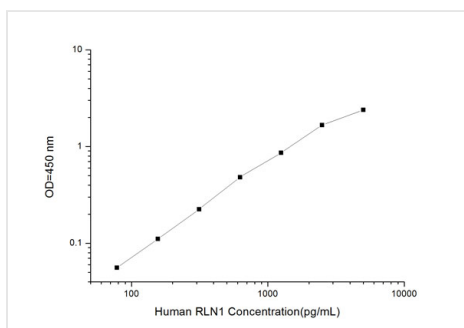
PRODUCT SYNONYMS

RLN1; Human RLN1 (Relaxin-1) ELISA Kit; RLN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human RLN1. No significant cross-reactivity or interference between Human RLN1 and analogues was observed.
Sequence Length	185
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	78.125-5000pg/mL
Sensitivity	Min: 46.875pg/mL; Max: 5000pg/mL
Intended Uses	This ELISA kit applies to the in vitro quantitative determination of Human RLN1 concentrations in serum, plasma and other biological fluids.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RLN1 elisa kit	Principle of the assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to RLN1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for RLN1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain RLN1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of RLN1. You can calculate the concentration of RLN1 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	13543609
NCBI GeneID	6013
Molecular Weight	13,011 Da
NCBI Official Full Name	Relaxin 1
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/rln1/166023>