

Dog Prorelaxin ELISA Kit | RLN elisa kit

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CATALOG #
AAA192397

REACTIVITY
Dog

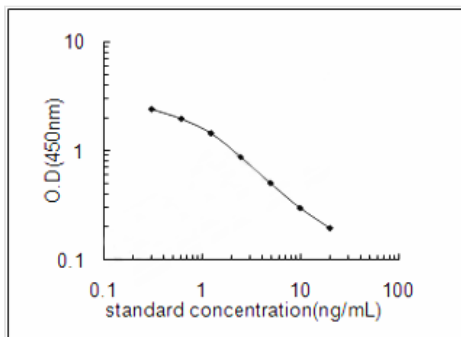
PRODUCT SYNONYMS

Prorelaxin; Dog Prorelaxin ELISA Kit; RLN; RLN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural DogProrelaxin. No significant cross-reactivity or interference was observed.
Sequence Length	177
Samples	serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.
Assay Type	Competitive (Quantitative)
Detection Range	0.31-20.0ng/mL.
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RLN elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of dogProrelaxin concentrations in serum, plasma, tissue homogenates, cell culture supernates, and other biological fluids.

Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Prorelaxin. During the reaction, Prorelaxin in the sample or standard competes with a fixed amount of biotin-labeled Prorelaxin for sites on a pre-coated Monoclonal antibody specific to Prorelaxin. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Prorelaxin in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	50978852
NCBI GeneID	403742
NCBI Accession #	NP_001003132.1
NCBI GenBank Nucleotide #	NM_001003132.1
UniProt Accession #	Q9TRM8; Q9N0Z7; Q9TRM9
Molecular Weight	20,563 Da
NCBI Official Full Name	prorelaxin
NCBI Official Symbol	RLN2
NCBI Official Synonym Symbols	RLN; RLN1; relaxin
NCBI Protein Information	prorelaxin
UniProt Protein Name	Prorelaxin
UniProt Gene Name	RLN
UniProt Entry Name	RELX_CANLF

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/rln-dog-elisa-kits/prorelaxin/192397>