

Human Reelin (RELN) ELISA Kit | RELN elisa kit

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CATALOG #
AAA245271

REACTIVITY
Human

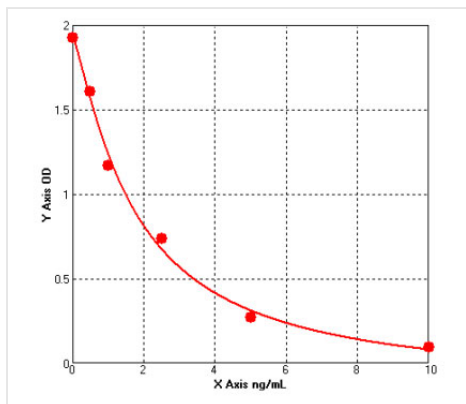
PRODUCT SYNONYMS

Reelin (RELN); Human Reelin (RELN) ELISA Kit; RELN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RELN. No significant cross-reactivity or interference between RELN and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between RELN and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/ml
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RELN elisa kit	Principle of the Assay: RELN ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-RELN antibody and an RELN-HRP conjugate. The assay sample and buffer are incubated together with RELN-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the RELN concentration since RELN from samples and RELN-HRP conjugate compete for the anti-RELN antibody binding site. Since the number of sites is limited, as more sites are occupied by RELN from the sample, fewer sites are left to bind RELN-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The RELN concentration in each sample is interpolated from this standard curve. Intended Uses: This RELN ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human RELN. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for RELN elisa kit	Neuroscience

NCBI AND UNIPROT INFORMATION

NCBI GI #	1743885
NCBI GeneID	5649
Molecular Weight	384,093 Da
NCBI Official Full Name	reelin
NCBI Official Synonym Full Names	reelin
NCBI Official Symbol	RELN
NCBI Official Synonym Symbols	RL; LIS2; PRO1598
NCBI Protein Information	reelin
UniProt Protein Name	Reelin
UniProt Gene Name	RELN
UniProt Entry Name	RELN_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://www.aaabiotech.com/human-elisa-kits/reelin-reln/245271>