

Human Reelin (RL) ELISA Kit | RL elisa kit

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CATALOG #
AAA64700

REACTIVITY
Human

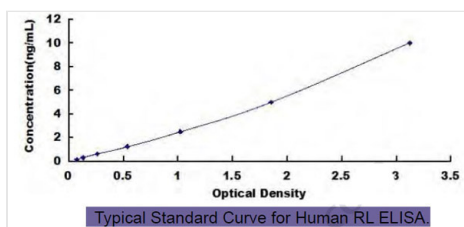
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RL. No significant cross-reactivity or interference between RL and analogues was observed.
Sequence Length	3460
Samples	Serum, plasma, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	< 0.056ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RL were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level RL were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RL elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of RL in human serum, plasma, tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to RL. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain RL, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of RL in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	27436938
NCBI GeneID	5649
NCBI Accession #	NP_005036.2
NCBI GenBank Nucleotide #	NM_005045.3
UniProt Accession #	P78509; Q86UJ0; Q86UJ8; Q8NDV0; Q9UDQ2; A4D0P9; A4D0Q0
Molecular Weight	384,093 Da
NCBI Official Full Name	reelin isoform a
NCBI Official Synonym Full Names	reelin
NCBI Official Symbol	RELN
NCBI Official Synonym Symbols	RL; ETL7; LIS2; PRO1598
NCBI Protein Information	reelin
UniProt Protein Name	Reelin
UniProt Gene Name	RELN

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/reelin-rl/64700>