

Human Regenerating Islet Derived Protein 1 Beta (REG1b) ELISA Kit | REG1b elisa kit

Human Regenerating Islet Derived Protein 1 Beta (REG1b) Mini Samples ELISA Kit

CATALOG #
AAA147418

REACTIVITY
Human

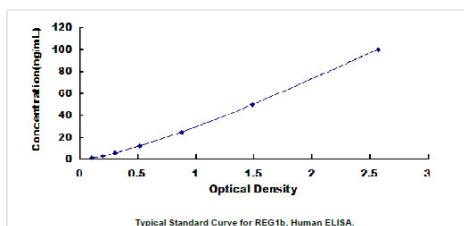
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 1 Beta (REG1b); Human Regenerating Islet Derived Protein 1 Beta (REG1b) Mini Samples ELISA Kit; PPS2; REGH; REGI-BETA; REGL; Pancreatic Stone Protein; Pancreatic Thread Protein; Lithostathine 1 Beta; Secretory Pancreatic Stone Protein 2; REG1b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of reelin. No significant cross-reactivity or interference between reelin and analogues was observed.
Sequence Length	166
Samples	Mouse Tissue Homogenates, Cell Lysates And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	0.055ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level reelin 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 reelin were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG1b elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of reelin in mouse tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microplate provided in this kit has been pre-coated with an antibody specific to reelin. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to reelin. 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 reelin, 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 reelin in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for REG1b elisa kit	Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	10835248
NCBI GeneID	5968
NCBI Accession #	NP_006498.1
NCBI GenBank Nucleotide #	NM_006507.3
UniProt Accession #	P48304
Molecular Weight	18,665 Da
NCBI Official Full Name	lithostathine-1-beta
NCBI Official Synonym Full Names	regenerating family member 1 beta
NCBI Official Symbol	REG1B
NCBI Official Synonym Symbols	REGH; REGL; PSPS2; REGI-BETA
NCBI Protein Information	lithostathine-1-beta
UniProt Protein Name	Lithostathine-1-beta
UniProt Gene Name	REG1B
UniProt Synonym Gene Names	PSPS2; REGL; PSP-2; REG-1-beta

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/regenerating-islet-derived-protein-1-beta-reg1b/147418>