

Human Lithostathine-1-Beta, REG1B ELISA Kit | REG1B elisa kit

Human Lithostathine-1-Beta, REG1B Primacu ELISA Kit

CATALOG #
AAA124441

REACTIVITY
Human

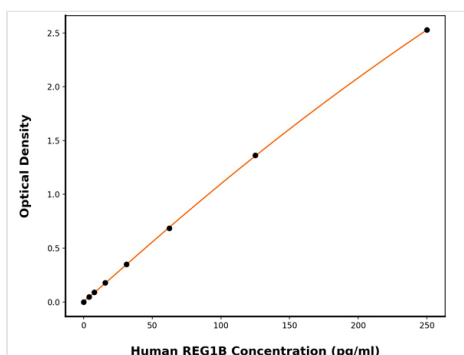
PRODUCT SYNONYMS

Lithostathine-1-Beta; REG1B; Human Lithostathine-1-Beta; REG1B Primacu ELISA Kit; Lithostathine-1-beta; PSPS2; REGL; REG1B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	3.91-250pg/mL
Sensitivity	0.85pg/mL
Standard Solution	2.5ng/mL
Assay Time	3.5h
Preparation and Storage	Store at 2-8 degree C

IMAGES



Standard Curve (Sample)

Typical Testing Data/Standard Curve (for reference only)

ADDITIONAL INFORMATION

Related Product Information for REG1B elisa kit	Regenerating gene (Reg), first isolated from a regenerating islet cDNA library, encodes a secretory protein with a growth stimulating effect on pancreatic beta cells, and could be associated with fibrocalculous pancreatopathy. Reg and Reg-related genes which were expressed in various organs have been revealed to constitute a multigene family, the Reg family consisting of four subtypes (types I, II, III, IV) and are involved in cancers and neurodegenerative diseases. Regenerating islet-derived 1 beta (REG1B), also known as Lithostathine-1-beta and Pancreatic stone protein 2 (PSPS2), is a types I Reg protein and contains one typical C-type lectin domain. REG1B is a 166-amino acid protein that has 22 amino acid substitutions in comparison with the previously isolated human REG1A, and it is was expressed only in pancreas. REG1B Is normally found in the exocrine pancreas, whereas in other tissues it appears either only under pathological conditions, such as Alzheimer's disease (brain), cancer (colon), or during regeneration such as neuronal sprouting in brain and pancreas regeneration. REG1B might act as an inhibitor of spontaneous calcium carbonate precipitation. The REG1A and REG1B gene and proteins could play different roles in the pancreas.
Product Categories/Family for REG1B elisa kit	Primacu ELISA Kit; Cell biology

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 islet-derived 1 beta
NCBI Official Symbol	REG1B
NCBI Official Synonym Symbols	REGH; REGL; PSPS2; REGI-BETA
NCBI Protein Information	lithostathine-1-beta; PSP-2; REG-1-beta; lithostathine 1 beta; pancreatic stone protein 2; regenerating islet-derived 1 beta (pancreatic stone protein, pancreatic thread protein); regenerating islet-derived protein 1-beta; regenerating protein I beta; sec
UniProt Protein Name	Lithostathine-1-beta
UniProt Gene Name	REG1B
UniProt Synonym Gene Names	PSPS2; REGL; PSP-2; REG-1-beta
UniProt Entry Name	REG1B_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/lithostathine-1-beta-reg1b/124441>