

Mouse Lithostathine-1 ELISA Kit | Reg1 elisa kit

Mouse Lithostathine-1 ELISA Kit

CATALOG #
AAA101294

REACTIVITY
Mouse

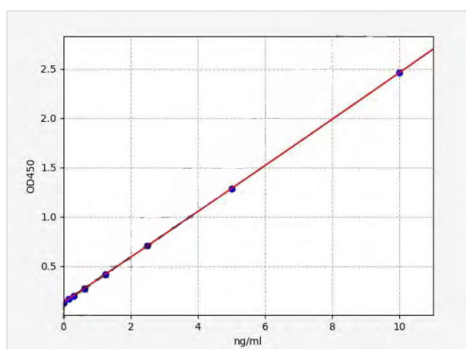
PRODUCT SYNONYMS

Lithostathine-1; Mouse Lithostathine-1 ELISA Kit; Reg1/Regenerating protein 1/Pancreatic thread protein 1 (PTP)/Islet of Langerhans regenerating protein 1 (REG 1)/Pancreatic stone protein 1 (PSP); Reg1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Reg1. No significant cross-reactivity or interference between Reg1 and analogues was observed.
Sequence Length	165
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Reg1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677703
NCBI GeneID	19692
NCBI Accession #	NP_033068.1
NCBI GenBank Nucleotide #	NM_009042.1
Molecular Weight	18,519 Da
NCBI Official Full Name	lithostathine-1
NCBI Official Synonym Full Names	regenerating islet-derived 1
NCBI Official Symbol	Reg1
NCBI Protein Information	lithostathine-1
UniProt Protein Name	Lithostathine-1
UniProt Gene Name	Reg1
UniProt Synonym Gene Names	REG 1; PSP; PTP
UniProt Entry Name	LIT1_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/reg1-mouse-elisa-kits/lithostathine-1/101294>