

Mouse Lithostathine-1 ELISA Kit | Reg1 elisa kit

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CATALOG #
AAA56443

REACTIVITY
Mouse

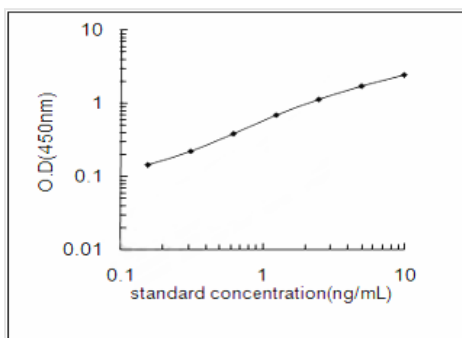
PRODUCT SYNONYMS

Lithostathine-1; Mouse Lithostathine-1 ELISA Kit; Reg1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse Lithostathine-1. No significant cross-reactivity or interference was observed.
Sequence Length	165
Assay Type	Sandwich
Detection Range	0.156-10 ng/mL
Sensitivity	0.078 ng/mL
Intra-Assay CV	<=6.2%
Inter-Assay CV	<=8.0%
Recovery	110%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Reg1 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Lithostathine-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Lithostathine-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Lithostathine-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm $\pm$ 2 nm. The concentration of Lithostathine-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677703
NCBI GeneID	19692
NCBI Accession #	NP_033068.1
NCBI GenBank Nucleotide #	NM_009042.1
UniProt Accession #	P43137
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.

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Online datasheet: <https://stage.aaabiotech.com/reg1-mouse-elisa-kits/lithostathine-1/56443>