

Rat Lithostathine ELISA Kit | Reg1 elisa kit

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CATALOG #
AAA56403

REACTIVITY
Rat

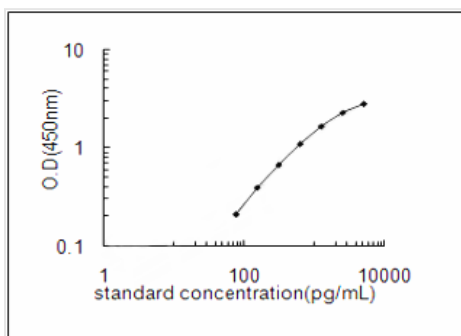
PRODUCT SYNONYMS

Lithostathine; Rat Lithostathine ELISA Kit; Reg1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Lithostathine. No significant cross-reactivity or interference was observed.
Sequence Length	166
Assay Type	Sandwich
Detection Range	78-5000 pg/ml
Sensitivity	39.7 pg/mL
Intra-Assay CV	<=5.6%
Inter-Assay CV	<=7.7%
Recovery	90%
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. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Lithostathine 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, 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 +/- 2 nm. The concentration of Lithostathine in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6981470
NCBI GeneID	24714
NCBI Accession #	NP_036773.1
NCBI GenBank Nucleotide #	NM_012641.1
UniProt Accession #	P10758
Molecular Weight	18,672 Da
NCBI Official Full Name	lithostathine
NCBI Official Synonym Full Names	regenerating family member 1 alpha
NCBI Official Symbol	Reg1a
NCBI Official Synonym Symbols	Reg; RGPI; Reg1; Rgp1; LITHOST; RATRGPI; RATLITHOST
NCBI Protein Information	lithostathine
UniProt Protein Name	Lithostathine
UniProt Gene Name	Reg1
UniProt Synonym Gene Names	Reg; ICRF; REG; PSP; PTP
UniProt Entry Name	LITH_RAT

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-rat-elisa-kits/lithostathine/56403>