

Human Lithostathine-1-alpha ELISA Kit | REG1A elisa kit

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CATALOG #
AAA190456

REACTIVITY
Human

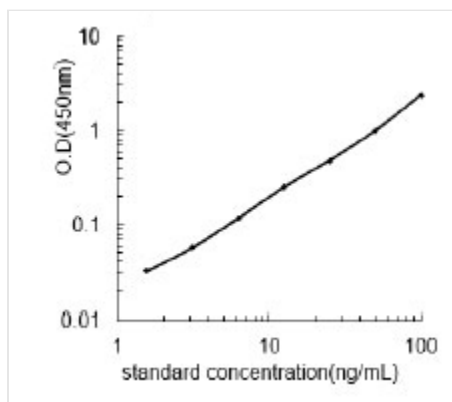
PRODUCT SYNONYMS

Lithostathine-1-alpha; Human Lithostathine-1-alpha ELISA Kit; Islet cells regeneration factor; ICRF; Islet of Langerhans regenerating protein; REG; Pancreatic stone protein; PSP; Pancreatic thread protein; PTP; REG1A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Rat Lipoprotein lipase (LPL)
Sequence Length	166
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids
Detection Range	0.78 ng/mL-50 ng/mL
Sensitivity	<0.419 ng/mL
Intra-assay Precision	Intra-Assay CV: <3.8%
Inter-assay Precision	Inter-Assay CV: <6.3%
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 REG1A elisa kit	Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	29725633
NCBI GeneID	5967
NCBI Accession #	NP_002900.2
NCBI GenBank Nucleotide #	NM_002909.4
UniProt Accession #	P05451; P11379; Q4ZG28
Molecular Weight	18,731 Da
NCBI Official Full Name	lithostathine-1-alpha
NCBI Official Synonym Full Names	regenerating family member 1 alpha
NCBI Official Symbol	REG1A
NCBI Official Synonym Symbols	P19; PSP; PTP; REG; ICRF; PSPS; PSPS1
NCBI Protein Information	lithostathine-1-alpha
UniProt Protein Name	Lithostathine-1-alpha
UniProt Gene Name	REG1A
UniProt Synonym Gene Names	PSPS; PSPS1; REG; ICRF; REG; PSP; PTP; REG-1-alpha
UniProt Entry Name	REG1A_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/reg1a-human-elisa-kits/lithostathine-1-alpha/190456>