

Human Regenerating Islet Derived Protein 1 Alpha (REG1a) RTU ELISA Kit | REG1a rtu elisa kit

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CATALOG #
AAA218146

REACTIVITY
Human

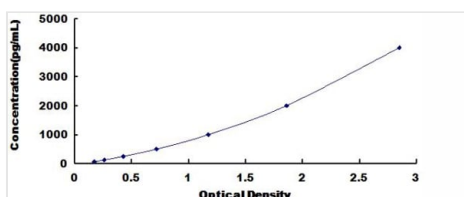
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 1 Alpha (REG1a); Human Regenerating Islet Derived Protein 1 Alpha (REG1a) ELISA Kit; REG; PSP; ICRF; PSPS1; PTP; Islet cells regeneration factor; Islet of Langerhans regenerating protein; Lithostathine 1 Alpha; Pancreatic Stone Protein; Pancreatic Thread Protein; REG1a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	166
Assay Type	Sandwich
Samples	Serum, Plasma or Other Biological Fluids.
Detection Range	62.5-4000pg/mL
Sensitivity	27.6pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG1a rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to REG1a. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to REG1a. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain REG1a, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of REG1a in the samples is then determined by comparing the O.D. of the samples to the standard curve.

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

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/human-rtu-elisa-kits/regenerating-islet-derived-protein-1-alpha-reg1a/218146>