

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

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CATALOG #
AAA11179

REACTIVITY
Human

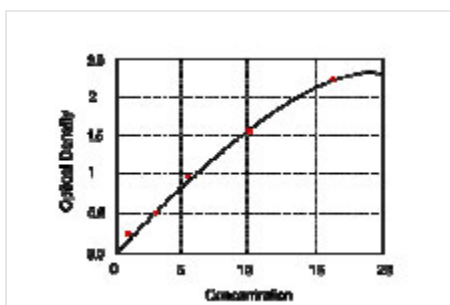
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 1 Alpha (REG1a); Human Regenerating Islet Derived Protein 1 Alpha (REG1a) ELISA Kit; REG1a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	86
Samples	Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	20-6000ng/L
Sensitivity	10.49ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG1a elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Regenerating Islet Derived Protein 1 Alpha (also known as REG1a) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human REG1a antibody. REG1a present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human REG1a Antibody is added and binds to REG1a in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated REG1a antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human REG1a. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	133778239
NCBI GeneID	5967
UniProt Accession #	P05451; P11379; Q4ZG28
Molecular Weight	18,731 Da
NCBI Official Full Name	REG1A protein, partial
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/regenerating-islet-derived-protein-1-alpha-reg1a/11179>