

Regenerating islet-derived protein 3-alpha ELISA Kit | Reg3a elisa kit

Rat Regenerating islet-derived protein 3-alpha ELISA Kit

CATALOG #
AAA100975

REACTIVITY
Rat

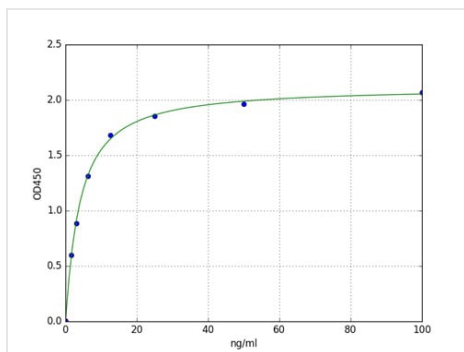
PRODUCT SYNONYMS

Regenerating islet-derived protein 3-alpha; Rat Regenerating islet-derived protein 3-alpha ELISA Kit; Reg3a/Lithostathine 3/PAP2/REG3A/hepatocarcinoma-intestine-pancreas/HIPpancreatitis-associated protein/Human proislet peptide/pancreatic beta cell growth factor/Pancreatitis-associated protein 1/PAP homologous protein/PAP1FLJ18565/PAPPAP-H/PBCGF/proliferation-inducing protein 34/proliferation-inducing protein 42/Reg III-alpha/REG3/REG-3-alpha/regenerating islet-derived 3 alpha/Regenerating islet-derived protein III-alpha/REG-III; Reg3a elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	175
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	1.563-100ng/ml
Sensitivity	0.938ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve
Results of a typical standard run of a Rat Reg3a ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	signal	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.004	0.428	0.988	1.835	1.942	2.272	1.568	2.178

ADDITIONAL INFORMATION

Related Product Information for Reg3a elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Reg3a antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Reg3a antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Reg3a amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Reg3a can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505605
NCBI GeneID	5068
NCBI Accession #	NP_002571.1
NCBI GenBank Nucleotide #	NM_002580.2
Molecular Weight	19,395 Da
NCBI Official Full Name	regenerating islet-derived protein 3-alpha
NCBI Official Synonym Full Names	regenerating family member 3 alpha
NCBI Official Symbol	REG3A
NCBI Official Synonym Symbols	HIP; PAP; PAP1; REG3; INGAP; PAP-H; PBCGF; HIP/PAP; REG-III
NCBI Protein Information	regenerating islet-derived protein 3-alpha
UniProt Protein Name	Regenerating islet-derived protein 3-alpha
UniProt Gene Name	REG3A
UniProt Synonym Gene Names	HIP; PAP; PAP1; REG-3-alpha; HIP/PAP; Reg III-alpha
UniProt Entry Name	REG3A_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/reg3a-rat-elisa-kits/regenerating-islet-derived-protein-3-alpha/100975>