

Human regenerating islet-derived 3 alpha ELISA Kit | REG3A elisa kit

Human Regenerating islet-derived protein 3-alpha, REG3A ELISA Kit

CATALOG #
AAA18311

REACTIVITY
Human

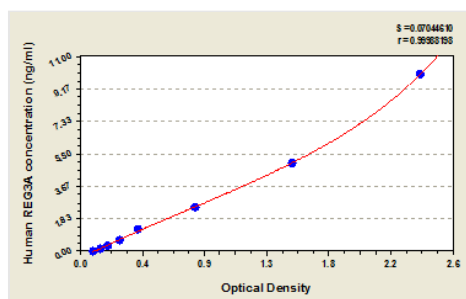
PRODUCT SYNONYMS

regenerating islet-derived 3 alpha; Human Regenerating islet-derived protein 3-alpha; REG3A ELISA Kit; Human Regenerating islet-derived protein 3-alpha (REG3A) ELISA kit; HIP; PAP; PAP-H; PAP1; PBCGF; REG-III; REG3; PAP homologous protein; hepatocarcinoma-intestine-pancreas; pancreatic beta cell growth factor; pancreatitis-associated protein; proliferation-inducing prote; REG3A elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human REG3A. No significant cross-reactivity or interference between human REG3A and analogues was observed.
Sequence Length	175
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	< 0.039 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG3A elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for REG3A has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any REG3A present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for REG3A is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of REG3A bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505605
NCBI GeneID	5068
NCBI Accession #	NP_002571.1
NCBI GenBank Nucleotide #	NM_002580.2
UniProt Accession #	Q06141
Molecular Weight	19,395 Da
NCBI Official Full Name	regenerating islet-derived protein 3-alpha
NCBI Official Synonym Full Names	regenerating islet-derived 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; REG-3-alpha; reg III-alpha; PAP homologous protein; human proislet peptide; pancreatitis-associated protein 1; proliferation-inducing protein 34; proliferation-inducing protein 42; hepatocarcinoma-intestine-pancreas; pancreatic beta cell growth factor; hepatointestinal pancreatic protein; regenerating islet-derived protein III-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-human-elisa-kits/regenerating-islet-derived-3-alpha/18311>