

Human Regenerating Islet Derived Protein 3 Gamma ELISA Kit | REG3gamma elisa kit

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CATALOG #
AAA98610

REACTIVITY
Human

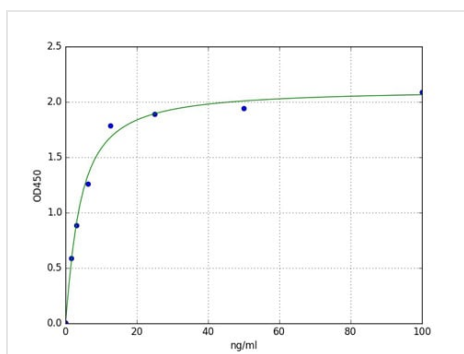
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 3 Gamma; Human Regenerating Islet Derived Protein 3 Gamma ELISA Kit; REG3gamma (Regenerating Islet Derived Protein 3 Gamma); REG3gamma elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	129
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)

Results of a typical standard run of a Human REG3γ 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	ng/ml	0	1.563	3.125	6.25	12.5	25	50	100
Y	OD450	0.022	0.027	0.042	0.072	0.171	0.416	1.252	2.465

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG3gamma elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human REG3gamma antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human REG3gamma 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 Human REG3gamma amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human REG3gamma can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	392996940
NCBI GeneID	130120
NCBI Accession #	NP_001256969.1
NCBI GenBank Nucleotide #	NM_001270040.1
Molecular Weight	14,409 Da
NCBI Official Full Name	regenerating islet-derived protein 3-gamma isoform 2 preproprotein
NCBI Official Synonym Full Names	regenerating family member 3 gamma
NCBI Official Symbol	REG3G
NCBI Official Synonym Symbols	PAP1B; PAPIB; PAP IB; PAP-1B; UNQ429; LPPM429; REG III; REG-III
NCBI Protein Information	regenerating islet-derived protein 3-gamma
UniProt Protein Name	Regenerating islet-derived protein 3-gamma
UniProt Gene Name	REG3G
UniProt Synonym Gene Names	PAP1B; REG-3-gamma; PAP-1B; PAP IB; REG III; Reg III-gamma
UniProt Entry Name	REG3G_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/reg3gamma-human-elisa-kits/regenerating-islet-derived-protein-3-gamma/98610>