

Human regenerating islet-derived 3 gamma ELISA Kit | REG3G elisa kit

Human Regenerating islet-derived protein 3-gamma, REG3G ELISA Kit

CATALOG #
AAA18070

REACTIVITY
Human

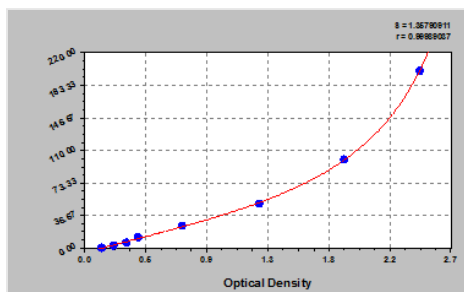
PRODUCT SYNONYMS

regenerating islet-derived 3 gamma; Human Regenerating islet-derived protein 3-gamma; REG3G ELISA Kit; Human Regenerating islet-derived protein 3-gamma (REG3G) ELISA kit; MGC118998; MGC118999; MGC119001; PAP1B; PAPIB; REG-III; UNQ429; LPPM429; PAP IB protein; regenerating gene III; REG3G elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human REG3G. No significant cross-reactivity or interference between human REG3G and analogues was observed.
Sequence Length	175
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	3.12 ng/ml-200 ng/ml
Sensitivity	< 0.78 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 REG3G elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for REG3G has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any REG3G present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for REG3G 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 REG3G 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 #	56699413
NCBI GeneID	130120
NCBI Accession #	NP_001008388.1
NCBI GenBank Nucleotide #	NM_001008387.2
UniProt Accession #	Q6UW15; Q3SYE4; Q3SYE6; Q6FH18; A8K980; D6W5J6
Molecular Weight	19,330 Da
NCBI Official Full Name	regenerating islet-derived protein 3-gamma isoform 1
UniProt Protein Name	Regenerating islet-derived protein 3-gamma
UniProt Gene Name	REG3G
UniProt Synonym Gene Names	PAP1B; UNQ429/PRO162; 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/reg3g-human-elisa-kits/regenerating-islet-derived-3-gamma/18070>