

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

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

CATALOG #
AAA18363

REACTIVITY
Mouse

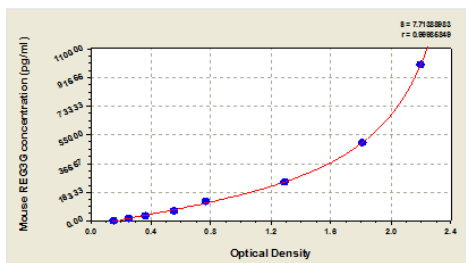
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse REG3G. No significant cross-reactivity or interference between mouse REG3G and analogues was observed.
Sequence Length	174
Samples	Serum, plasma, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	15.6 pg/ml-1000 pg/ml
Sensitivity	< 3.9 pg/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 #	6755310
NCBI GeneID	19695
NCBI Accession #	NP_035390.1
NCBI GenBank Nucleotide #	NM_011260.1
UniProt Accession #	O09049
Molecular Weight	19,307 Da
NCBI Official Full Name	regenerating islet-derived protein 3-gamma
NCBI Official Synonym Full Names	regenerating islet-derived 3 gamma
NCBI Official Symbol	Reg3g
NCBI Official Synonym Symbols	AI449515
NCBI Protein Information	regenerating islet-derived protein 3-gamma; REG-3-gamma; reg III-gamma; RegIII (gamma); pancreatitis-associated protein 3; regenerating islet-derived protein III-gamma; generating islet-derived, mouse homolog 3 gamma
UniProt Protein Name	Regenerating islet-derived protein 3-gamma
UniProt Gene Name	Reg3g
UniProt Synonym Gene Names	Pap3; REG-3-gamma; Reg III-gamma
UniProt Entry Name	REG3G_MOUSE

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-mouse-elisa-kits/regenerating-islet-derived-3-gamma/18363>