

## Mouse Regenerating islet-derived protein 3-gamma, REG3G ELISA Kit | REG3G elisa kit

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CATALOG #  
**AAA123424**

REACTIVITY  
**Mouse**

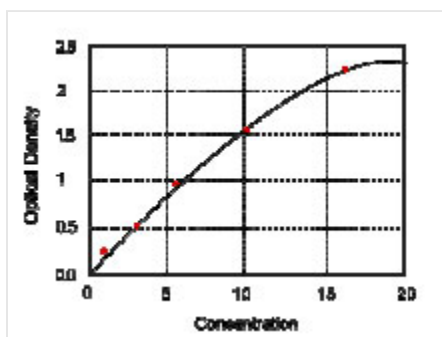
### PRODUCT SYNONYMS

Regenerating islet-derived protein 3-gamma; REG3G; Mouse Regenerating islet-derived protein 3-gamma; REG3G ELISA Kit; REG3G elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                            |
| Sequence Length         | 175                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates                                                                                                                         |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 10ng/L - 2000ng/L                                                                                                                                                                                |
| Sensitivity             | 5.33ng/L                                                                                                                                                                                         |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10% |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                                                                                                                                           |

### IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

|                                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for REG3G elisa kit | <p>Intended Uses: This sandwich kit is for the accurate quantitative detection of Mouse Regenerating islet-derived protein 3-gamma (also known as REG3G) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.</p> <p>Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse REG3G antibody. REG3G present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse REG3G Antibody is added and binds to REG3G in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated REG3G antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Mouse REG3G. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.</p> |
|-------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                    |
|----------------------------------|--------------------------------------------------------------------|
| NCBI GI #                        | 56699413                                                           |
| NCBI GeneID                      | 130120                                                             |
| NCBI GenBank Nucleotide #        | NP_001008388.1                                                     |
| UniProt Accession #              | Q6UW15                                                             |
| NCBI Official Full Name          | regenerating islet-derived protein 3-gamma isoform 1 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                        |
| 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/mouse-elisa-kits/regenerating-islet-derived-protein-3-gamma-reg3g/123424>