

Mouse Regenerating islet-derived protein 4 ELISA Kit | Reg4 elisa kit

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CATALOG #
AAA100341

REACTIVITY
Mouse

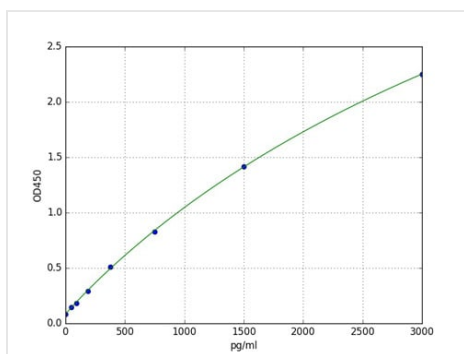
PRODUCT SYNONYMS

Regenerating islet-derived protein 4; Mouse Regenerating islet-derived protein 4 ELISA Kit; Reg4/GISP/RELP/Gastrointestinal secretory protein/GISPREG-4/Reg IV/regenerating gene type IV/regenerating islet-derived protein 4/Regenerating islet-derived protein IV/REG-IV; Reg4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	158
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	46.875-3000pg/ml
Sensitivity	28.125pg/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)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse Reg4 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	pg/ml	0	46.9	93.8	187.5	375	750	1500	3000
Y	OD450	0.080	0.133	0.174	0.279	0.319	0.820	1.444	2.323

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Reg4 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Mouse Reg4 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse Reg4 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 Mouse Reg4 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse Reg4 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	14042980
NCBI GeneID	83998
NCBI Accession #	NP_114433.1
NCBI GenBank Nucleotide #	NM_032044.3
Molecular Weight	14,993 Da
NCBI Official Full Name	regenerating islet-derived protein 4 isoform 1
NCBI Official Synonym Full Names	regenerating family member 4
NCBI Official Symbol	REG4
NCBI Official Synonym Symbols	GISP; RELP; REG-IV
NCBI Protein Information	regenerating islet-derived protein 4
UniProt Protein Name	Regenerating islet-derived protein 4
UniProt Gene Name	REG4
UniProt Synonym Gene Names	GISP; RELP; REG-4; Reg IV
UniProt Entry Name	REG4_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/reg4-mouse-elisa-kits/regenerating-islet-derived-protein-4/100341>