

Human Regenerating Islet Derived Protein 4 ELISA Kit | REG-4 elisa kit

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CATALOG #
AAA100982

REACTIVITY
Human

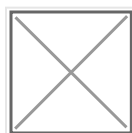
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 4; Human Regenerating Islet Derived Protein 4 ELISA Kit; REG4 (Regenerating Islet Derived Protein 4)/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; REG-4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of REG-4. No significant cross-reactivity or interference between REG-4 and analogues was observed.
Sequence Length	134
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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)

ADDITIONAL INFORMATION

Related Product Information for REG-4 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	226823235
NCBI GeneID	83998
NCBI Accession #	NP_001152825.1
NCBI GenBank Nucleotide #	NM_001159353.1
Molecular Weight	14,993 Da
NCBI Official Full Name	regenerating islet-derived protein 4 isoform 2
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/reg-4-human-elisa-kits/regenerating-islet-derived-protein-4/100982>