

Goat RegeneRating Islet Derived Protein 4 ELISA Kit | REG4 elisa kit

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CATALOG #
AAA89999

REACTIVITY
Goat

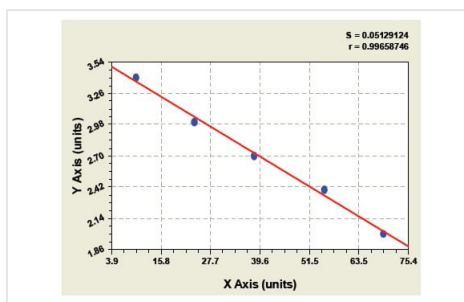
PRODUCT SYNONYMS

RegeneRating Islet Derived Protein 4; Goat RegeneRating Islet Derived Protein 4 ELISA Kit; REG4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG4 elisa kit

Intended Uses: This REG4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat REG4. This ELISA kit for research use only!

Principle of the Assay: REG4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-REG4 antibody and an REG4-HRP conjugate. The assay sample and buffer are incubated together with REG4-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the REG4 concentration since REG4 from samples and REG4-HRP conjugate compete for the anti-REG4 antibody binding site. Since the number of sites is limited, as more sites are occupied by REG4 from the sample, fewer sites are left to bind REG4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The REG4 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for REG4 elisa kit

Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	14042980
NCBI GeneID	83998
NCBI Accession #	NP_114433.1
NCBI GenBank Nucleotide #	NM_032044.3
UniProt Accession #	Q9BYZ8; Q8NER6; Q8NER7; Q5T3X5
Molecular Weight	18,230 Da
NCBI Official Full Name	regenerating islet-derived protein 4 isoform 1
NCBI Official Synonym Full Names	regenerating islet-derived family, member 4
NCBI Official Symbol	REG4
NCBI Official Synonym Symbols	GISP; RELP; REG-IV
NCBI Protein Information	regenerating islet-derived protein 4; REG-4; reg IV; REG-like protein; regenerating gene type IV; gastrointestinal secretory protein; regenerating islet-derived protein IV
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-goat-elisa-kits/regenerating-islet-derived-protein-4/89999>