

Porcine REG3alpha ELISA Kit | REG3alpha elisa kit

Porcine REG3alpha (Regenerating Islet Derived Protein 3 Alpha) ELISA Kit

CATALOG #
AAA165471

REACTIVITY
Porcine

PRODUCT SYNONYMS

REG3alpha; Porcine REG3alpha (Regenerating Islet Derived Protein 3 Alpha) ELISA Kit; REG3alpha elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Porcine
Specificity	This kit recognizes Porcine REG3alpha in samples. No significant cross-reactivity or interference between Porcine REG3alpha and analogues was observed.
Sequence Length	175
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Porcine REG3alpha were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Porcine REG3alpha were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

ADDITIONAL INFORMATION

Related Product Information for REG3alpha elisa kit

Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Porcine REG3alpha concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Porcine REG3alpha. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Porcine REG3alpha and Avidin- Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Porcine REG3alpha, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Porcine REG3alpha. You can calculate the concentration of Porcine REG3alpha in the samples by comparing the OD of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6755308
NCBI GeneID	19694
NCBI Accession #	NP_035389.1

NCBI GenBank Nucleotide #	NM_011259.1
UniProt Accession #	O09037
Molecular Weight	19,539 Da
NCBI Official Full Name	regenerating islet-derived protein 3-alpha
NCBI Official Synonym Full Names	regenerating islet-derived 3 alpha
NCBI Official Symbol	Reg3a
NCBI Official Synonym Symbols	AV063448
NCBI Protein Information	regenerating islet-derived protein 3-alpha; REG-3-alpha; RegIII (alpha); generating islet-derived, mouse homolog 3 alpha; islet of Langerhans regenerating protein 3; lithostathine 3; pancreatitis-associated protein 2; reg III-alpha; regenerating islet-derived protein III-alpha
UniProt Protein Name	Regenerating islet-derived protein 3-alpha
UniProt Gene Name	Reg3a
UniProt Synonym Gene Names	Pap2; REG-3-alpha; Reg III-alpha
UniProt Entry Name	REG3A_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/porcine-elisa-kits/reg3alpha/165471>