

Regenerating Islet Derived Protein 3 Alpha (REG3a) RTU ELISA Kit | REG3a rtu elisa kit

Rat Regenerating Islet Derived Protein 3 Alpha (REG3a) ELISA Kit

CATALOG # AAA218151	REACTIVITY Rat
-------------------------------	--------------------------

PRODUCT SYNONYMS

Regenerating Islet Derived Protein 3 Alpha (REG3a); Rat Regenerating Islet Derived Protein 3 Alpha (REG3a) ELISA Kit; HIP; INGAP; PAP-H; PAP1; PBCGF; REG-III; REG3; Pancreatitis-Associated Protein; Hepatointestinal pancreatic protein; Human proislet peptide; Pancreatitis-associated protein 1; REG3a rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of REG3a. No significant cross-reactivity or interference between REG3a and analogues was observed.
Sequence Length	174
Samples	Serum, plasma or other biological fluids
Assay Type	Quantitative Competitive
Detection Range	6.25-400pg/mL
Sensitivity	< 2.34pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level REG3a were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level REG3a were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

ADDITIONAL INFORMATION

Related Product Information for REG3a rtu elisa kit	Intended Uses: The kit is a competitive inhibition enzyme immunoassay technique for the in vitro quantitative measurement of REG3a in rat serum, plasma or other biological fluids. Principle of the Assay: This assay employs the competitive inhibition enzyme immunoassay technique. A monoclonal antibody specific to REG3a has been pre-coated onto a microplate. A competitive inhibition reaction is launched between biotin labeled REG3a and unlabeled REG3a (Standards or samples) with the pre-coated antibody specific to REG3a. After incubation the unbound conjugate is washed off. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. The amount of bound HRP conjugate is reverse proportional to the concentration of REG3a in the sample. After addition of the substrate solution, the intensity of color developed is reverse proportional to the concentration of REG3a in the sample.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	224994175
NCBI GeneID	171162
NCBI Accession #	NP_001139318.1

NCBI GenBank Nucleotide #	NM_001145846.2
UniProt Accession #	P35231
Molecular Weight	19,599 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	Pap2; PapII
NCBI Protein Information	regenerating islet-derived protein 3-alpha
UniProt Protein Name	Regenerating islet-derived protein 3-alpha
UniProt Gene Name	Reg3a
UniProt Synonym Gene Names	Pap2; Reg3; REG-3-alpha; REG 3; Reg III-alpha

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/rat-rtu-elisa-kits/regenerating-islet-derived-protein-3-alpha-reg3a/218151>