

Mouse Regenerating Islet Derived Protein 3 Beta (REG3b) ELISA Kit | REG3b elisa kit

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CATALOG #
AAA68126

REACTIVITY
Mouse

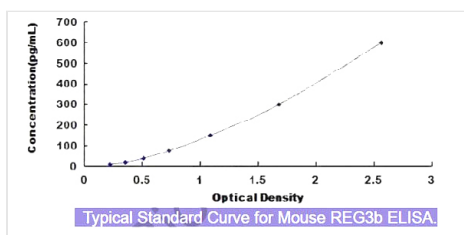
PRODUCT SYNONYMS

Regenerating Islet Derived Protein 3 Beta (REG3b); Mouse Regenerating Islet Derived Protein 3 Beta (REG3b) ELISA Kit; REG3b elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of REG3b. No significant cross-reactivity or interference between REG3b and analogues was observed.
Sequence Length	175
Assay Type	Quantitative Sandwich
Samples	Mouse serum, plasma or other biological fluids
Detection Range	9.37-600pg/mL
Sensitivity	< 4.1pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level REG3b 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 REG3b were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for REG3b elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to REG3b. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to REG3b. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain REG3b, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of REG3b in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of REG3b in mouse serum, plasma or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6754980
NCBI GeneID	18489
NCBI Accession #	NP_035166.1
NCBI GenBank Nucleotide #	NM_011036.1
UniProt Accession #	P35230
Molecular Weight	19,476 Da
NCBI Official Full Name	regenerating islet-derived protein 3-beta
NCBI Official Synonym Full Names	regenerating islet-derived 3 beta
NCBI Official Symbol	Reg3b
NCBI Official Synonym Symbols	HIP; Pap; PAP1; REG-III
NCBI Protein Information	regenerating islet-derived protein 3-beta
UniProt Protein Name	Regenerating islet-derived protein 3-beta
UniProt Gene Name	Reg3b
UniProt Synonym Gene Names	Pap; Pap1; REG-3-beta; Reg III-beta

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/mouse-elisa-kits/regenerating-islet-derived-protein-3-beta-reg3b/68126>