

Rat Glycoprotein 2, Zymogen Granule Membrane (GP2) RTU ELISA Kit | GP2 rtu elisa kit

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CATALOG #
AAA70965

REACTIVITY
Rat

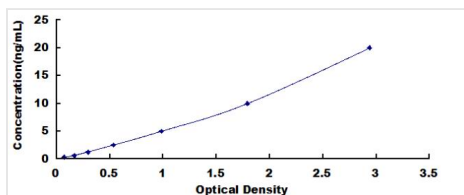
PRODUCT SYNONYMS

Glycoprotein 2; Zymogen Granule Membrane (GP2); Rat Glycoprotein 2; Zymogen Granule Membrane (GP2) ELISA Kit; ZAP75; Pancreatic Secretory Granule Membrane Major Glycoprotein GP2; Pancreatic zymogen granule membrane protein GP-2; GP2 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	533
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
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.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP2 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GP2. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GP2. 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 GP2, 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 $\pm$ 10nm. The concentration of GP2 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	404501463
NCBI GeneID	171459
NCBI Accession #	NP_599245.2
NCBI GenBank Nucleotide #	NM_134418.3
UniProt Accession #	F1M9X2; P19218
Molecular Weight	59,217 Da
NCBI Official Full Name	pancreatic secretory granule membrane major glycoprotein GP2
NCBI Official Synonym Full Names	glycoprotein 2
NCBI Official Symbol	Gp2
NCBI Official Synonym Symbols	gp80
NCBI Protein Information	pancreatic secretory granule membrane major glycoprotein GP2
UniProt Protein Name	Pancreatic secretory granule membrane major glycoprotein GP2
UniProt Gene Name	Gp2

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/rat-rtu-elisa-kits/glycoprotein-2-zymogen-granule-membrane-gp2/70965>