

Rat Glycogen phosphorylase, brain form ELISA Kit | PYGB elisa kit

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CATALOG #
AAA102333

REACTIVITY
Rat

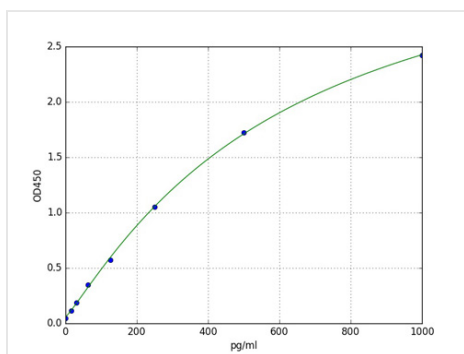
PRODUCT SYNONYMS

Glycogen phosphorylase; brain form; Rat Glycogen phosphorylase; brain form ELISA Kit; PYGB/Glycogen phosphorylase brain form/Glycogen Phosphorylase BB/GPBB/Brain glycogen phosphorylase/Glycogen phosphorylase B/Glycogen Phosphorylase Isoenzyme BB/Phosphorylase glycogen brain; PYGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	843
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat PYGB ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.003	0.038	0.081	0.142	0.366	0.814	1.321	2.176

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYGB elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat PYGB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PYGB antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat PYGB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PYGB can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	108860913
NCBI GeneID	505560
Molecular Weight	96,340 Da
NCBI Official Full Name	Glycogen phosphorylase, brain form
NCBI Official Symbol	PYGB
NCBI Protein Information	glycogen phosphorylase, brain form
UniProt Protein Name	Glycogen phosphorylase, brain form
UniProt Gene Name	PYGB
UniProt Entry Name	PYGB_BOVIN

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/pygb-rat-elisa-kits/glycogen-phosphorylase-brain-form/102333>