

Rat PYGB ELISA Kit | PYGB elisa kit

Rat PYGB (Glycogen Phosphorylase, Brain) ELISA Kit

CATALOG #
AAA165523

REACTIVITY
Rat

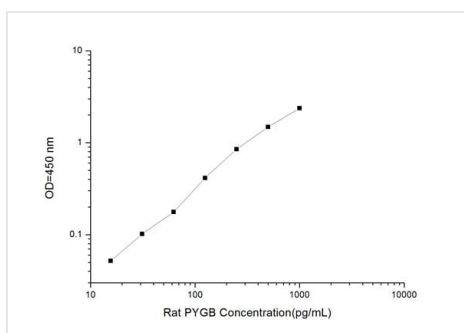
PRODUCT SYNONYMS

PYGB; Rat PYGB (Glycogen Phosphorylase; Brain) ELISA Kit; PYGB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat PYGB. No significant cross-reactivity or interference between Rat PYGB and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat PYGB and all the analogues, therefore, cross reaction may still exist.
Sequence Length	843
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000pg/mL
Sensitivity	Min: 9.375pg/mL; Max: 1000pg/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYGB elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of PYGB in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat PYGB. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat PYGB and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat PYGB, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid 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 Rat PYGB. You can calculate the concentration of Rat PYGB in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	578835493
NCBI GeneID	5834
NCBI Accession #	XP_006723664.1
NCBI GenBank Nucleotide #	XM_006723601.1
UniProt Accession #	P11216; Q96AK1; Q9NPX8
Molecular Weight	96,696 Da
NCBI Official Full Name	glycogen phosphorylase, brain form isoform X1
NCBI Official Synonym Full Names	phosphorylase, glycogen; brain
NCBI Official Symbol	PYGB
NCBI Official Synonym Symbols	GPBB
NCBI Protein Information	glycogen phosphorylase, brain form; glycogen phosphorylase B
UniProt Protein Name	Glycogen phosphorylase, brain form
UniProt Gene Name	PYGB
UniProt Entry Name	PYGB_HUMAN

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-elisa-kits/pygb/165523>