

Rat Glycogen Phosphorylase, Muscle ELISA Kit | PYGM elisa kit

Rat Glycogen Phosphorylase, Muscle ELISA Kit

CATALOG #
AAA97974

REACTIVITY
Rat

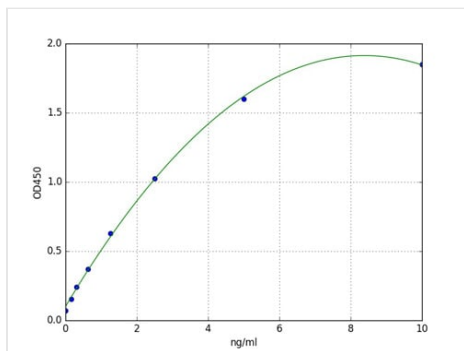
PRODUCT SYNONYMS

Glycogen Phosphorylase; Muscle; Rat Glycogen Phosphorylase; Muscle ELISA Kit; PYGM; PYGM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	754
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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 PYGM 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.004	0.114	0.216	0.376	0.707	1.125	1.590	1.848

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYGM elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat PYGM antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat PYGM 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 PYGM amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat PYGM can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

257900462

NCBI GeneID	5837
NCBI Accession #	NP_001158188.1
NCBI GenBank Nucleotide #	NM_001164716.1
Molecular Weight	87,317 Da
NCBI Official Full Name	glycogen phosphorylase, muscle form isoform 2
NCBI Official Synonym Full Names	phosphorylase, glycogen, muscle
NCBI Official Symbol	PYGM
NCBI Protein Information	glycogen phosphorylase, muscle form
UniProt Protein Name	Glycogen phosphorylase, muscle form
UniProt Gene Name	PYGM
UniProt Entry Name	PYGM_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/pygm-rat-elisa-kits/glycogen-phosphorylase-muscle/97974>