

Rat Glycogen phosphorylase, muscle form ELISA Kit | Pygm elisa kit

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CATALOG #
AAA190488

REACTIVITY
Rat

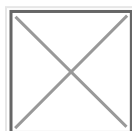
PRODUCT SYNONYMS

Glycogen phosphorylase; muscle form; Rat Glycogen phosphorylase; muscle form ELISA Kit; Myophosphorylase; Pygm; 2.4.1.1; Pygm elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay recognizes recombinant and natural rat Glycogen phosphorylase, muscle form. No significant cross-reactivity or interference was observed.
Sequence Length	842
Assay Type	Sandwich
Detection Range	0.312-20 ng/mL
Sensitivity	0.156 ng/mL
Intra-Assay CV	<=4.8%
Inter-Assay CV	<=8.4%
Recovery	86%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Pygm elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of rat Glycogen phosphorylase, muscle form concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glycogen phosphorylase, muscle form. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Glycogen phosphorylase, muscle form and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Glycogen phosphorylase, muscle form, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Glycogen phosphorylase, muscle form in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	1730556
NCBI GeneID	24701
UniProt Accession #	P09812
Molecular Weight	97,273 Da
NCBI Official Full Name	Glycogen phosphorylase, muscle form
NCBI Official Synonym Full Names	phosphorylase, glycogen, muscle
NCBI Official Symbol	Pygm
NCBI Official Synonym Symbols	Muscpho
NCBI Protein Information	glycogen phosphorylase, muscle form
UniProt Protein Name	Glycogen phosphorylase, muscle form
UniProt Gene Name	Pygm
UniProt Entry Name	PYGM_RAT

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/pygm-rat-elisa-kits/glycogen-phosphorylase-muscle-form/190488>