

Human Glycogen phosphorylase, muscle form ELISA Kit | PYGM elisa kit

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CATALOG #
AAA195072

REACTIVITY
Human

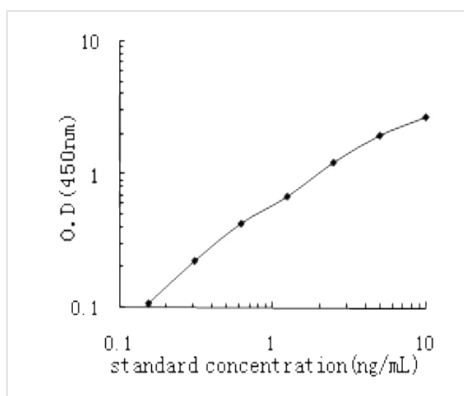
PRODUCT SYNONYMS

Glycogen phosphorylase; muscle form; Human Glycogen phosphorylase; muscle form ELISA Kit; Myophosphorylase; PYGM; 2.4.1.1; PYGM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Recombinant and natural Human Glycogen phosphorylase, muscle form
Sequence Length	754
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids
Detection Range	0.156-10 ng/mL
Sensitivity	< 0.079 ng/mL
Intra-assay Precision	<=5.6%
Inter-assay Precision	<=7.7%
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	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then 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 target antigen, 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 target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	257900462
NCBI GeneID	5837
NCBI Accession #	NP_001158188.1
NCBI GenBank Nucleotide #	NM_001164716.1
UniProt Accession #	P11217; A0AVK1; A6NDY6
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.

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Online datasheet: <https://stage.aaabiotech.com/pygm-human-elisa-kits/glycogen-phosphorylase-muscle-form/195072>