

Chicken Glycogen Phosphorylase MM ELISA Kit | GP-MM elisa kit

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CATALOG #
AAA94571

REACTIVITY
Chicken

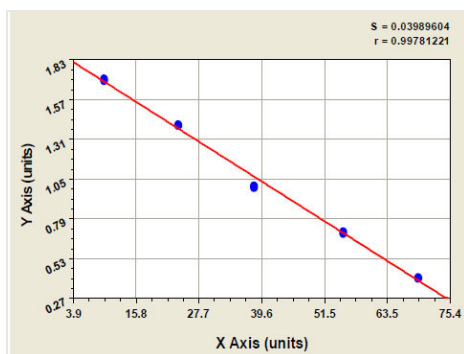
PRODUCT SYNONYMS

Glycogen Phosphorylase MM; Chicken Glycogen Phosphorylase MM ELISA Kit; GP-MM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This GP-MM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GP-MM. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GP-MM elisa kit

Principle of the assay: GP-MM ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-GP-MM antibody and an GP-MM-HRP conjugate. The assay sample and buffer are incubated together with GP-MM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GP-MM concentration since GP-MM from samples and GP-MM-HRP conjugate compete for the anti-GP-MM antibody binding site. Since the number of sites is limited, as more sites are occupied by GP-MM from the sample, fewer sites are left to bind GP-MM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GP-MM concentration in each sample is interpolated from this standard curve.

Product Categories/Family for GP-MM elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	3170407
NCBI GeneID	5836
Molecular Weight	93,134 Da
NCBI Official Full Name	glycogen phosphorylase
NCBI Official Synonym Full Names	phosphorylase, glycogen, liver
NCBI Official Symbol	PYGL
NCBI Official Synonym Symbols	GSD6
NCBI Protein Information	glycogen phosphorylase, liver form
UniProt Protein Name	Glycogen phosphorylase, liver form
UniProt Gene Name	PYGL
UniProt Entry Name	PYGL_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/gp-mm-chicken-elisa-kits/glycogen-phosphorylase-mm/94571>