

Chicken Glycogen Phosphorylase, Liver ELISA Kit | PYGL elisa kit

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CATALOG #
AAA90449

REACTIVITY
Chicken

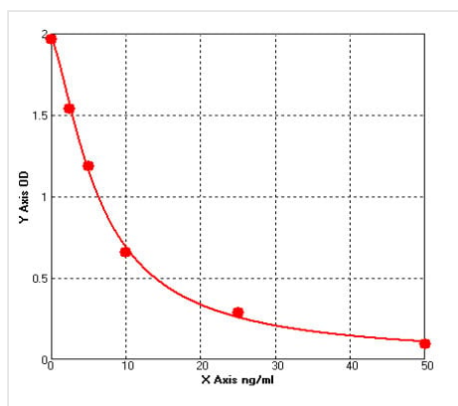
PRODUCT SYNONYMS

Glycogen Phosphorylase; Liver; Chicken Glycogen Phosphorylase; Liver ELISA Kit; PYGL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Specificity	This assay has high sensitivity and excellent specificity for detection of GPBL. No significant cross-reactivity or interference between GPBL and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GPBL and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	0.1 ng/mL
Intended Uses	This PYGL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken PYGL. 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 PYGL elisa kit	Principle of the Assay: GPBL ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GPBL antibody and an GPBL-HRP conjugate. The assay sample and buffer are incubated together with GPBL-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 GPBL concentration since GPBL from samples and GPBL-HRP conjugate compete for the anti-GPBL antibody binding site. Since the number of sites is limited, as more sites are occupied by GPBL from the sample, fewer sites are left to bind GPBL-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GPBL concentration in each sample is interpolated from this standard curve. Intended Uses: This GPBL ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken GPBL. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for PYGL elisa kit	Metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	40675618
NCBI GeneID	5836
UniProt Accession #	Q6P1L4; P06737
Molecular Weight	28,634 Da
NCBI Official Full Name	PYGL protein
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	PYGL protein
UniProt Gene Name	PYGL
UniProt Entry Name	Q6P1L4_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/pygl-chicken-elisa-kits/glycogen-phosphorylase-liver/90449>