

Rat PYGL (Glycogen Phosphorylase, Liver) ELISA Kit | PYGL elisa kit

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CATALOG #
AAA270233

REACTIVITY
Rat

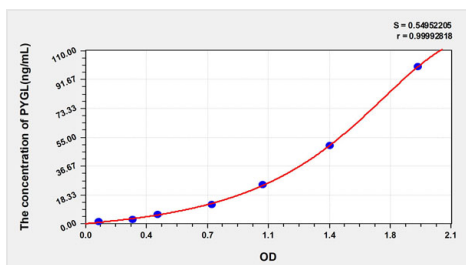
PRODUCT SYNONYMS

PYGL (Glycogen Phosphorylase; Liver); Rat PYGL (Glycogen Phosphorylase; Liver) ELISA Kit; GPLL; GPBB; Hers Disease; Glycogen Storage Disease Type VI; PYGL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, tissue homogenates and other biological fluids.
Assay Type	Sandwich
Detection Range	1.57-100 ng/mL
Sensitivity	0.56 ng/mL
Intra-assay Precision	CV%<8%
Inter-assay Precision	CV%<10%
Preparation and Storage	Store at 2-8 degree C. Stable for 6 months from date of receipt.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYGL elisa kit

Principle of the assay: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Glycogen Phosphorylase, Liver(PYGL). Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Glycogen Phosphorylase, Liver(PYGL). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Glycogen Phosphorylase, Liver(PYGL), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of Glycogen Phosphorylase, Liver(PYGL) in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for PYGL elisa kit

Enzyme & Kinase; Metabolic pathway; Endocrinology

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://www.aaabiotech.com/rat-elisa-kits/pygl-glycogen-phosphorylase-liver/270233>