

Human Glycogen Phosphorylase, Liver (PYGL) RTU ELISA Kit | PYGL rtu elisa kit

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CATALOG #
AAA218087

REACTIVITY
Human

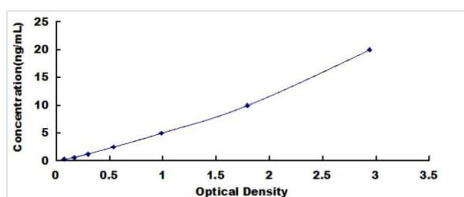
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	813
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.115ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PYGL rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PYGL. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 PYGL in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255653002
NCBI GeneID	5836
NCBI Accession #	NP_001157412.1
NCBI GenBank Nucleotide #	NM_001163940.1
UniProt Accession #	P06737; O60567; O60752; O60913; Q501V9; Q641R5; Q96G82; A6NDQ4; B4DUB7; F5H816
Molecular Weight	93,134 Da
NCBI Official Full Name	glycogen phosphorylase, liver form isoform 2
NCBI Official Synonym Full Names	glycogen phosphorylase L
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

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/human-rtu-elisa-kits/glycogen-phosphorylase-liver-pygl/218087>