

Mouse Glucose 6 Phosphate Isomerase ELISA Kit | GPI elisa kit

Mouse Glucose 6 Phosphate Isomerase ELISA Kit

CATALOG #
AAA102437

REACTIVITY
Mouse

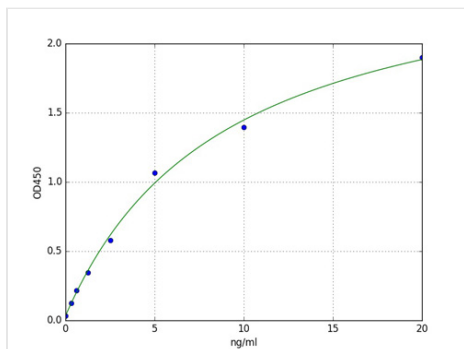
PRODUCT SYNONYMS

Glucose 6 Phosphate Isomerase; Mouse Glucose 6 Phosphate Isomerase ELISA Kit; GPI; GPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	558
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Mouse GPI ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.020	0.137	0.244	0.447	0.751	1.342	1.901	2.688

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPI elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Mouse GPI antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Mouse GPI antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Mouse GPI amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Mouse GPI can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

46485440

NCBI GeneID	292804
NCBI Accession #	NP_997475.1
NCBI GenBank Nucleotide #	NM_207592.1
Molecular Weight	62,827 Da
NCBI Official Full Name	glucose-6-phosphate isomerase
NCBI Official Synonym Full Names	glucose-6-phosphate isomerase
NCBI Official Symbol	Gpi
NCBI Official Synonym Symbols	Amf; Nlk; Pgi; Phi; Gpi1
NCBI Protein Information	glucose-6-phosphate isomerase
UniProt Protein Name	Glucose-6-phosphate isomerase
UniProt Gene Name	Gpi
UniProt Synonym Gene Names	PHI
UniProt Entry Name	G6PI_RAT

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/gpi-mouse-elisa-kits/glucose-6-phosphate-isomerase/102437>