

Rat GPI (Glucose 6 Phosphate Isomerase) ELISA Kit | GPI elisa kit

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CATALOG #
AAA278419

REACTIVITY
Rat

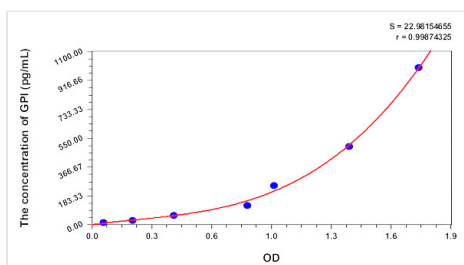
PRODUCT SYNONYMS

GPI (Glucose 6 Phosphate Isomerase); Rat GPI (Glucose 6 Phosphate Isomerase) ELISA Kit; AMF; NLK; PHI; SA36; Phosphoglucose Isomerase; Autocrine motility factor; Neuroleukin; Phosphohexose isomerase; Sperm antigen 36; GPI elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Assay Type	Sandwich
Samples	Serum, plasma and other biological fluids.
Detection Range	0.16-10ng/mL
Sensitivity	0.054ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GPI elisa kit

Test Principle: 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 Rat GPI. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Rat GPI. 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 Rat GPI, 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 +/- 10nm. The concentration of Rat GPI in the samples is then determined by comparing the OD of the samples to the standard curve.

Product Categories/Family for GPI elisa kit

Metabolic pathway

NCBI AND UNIPROT INFORMATION

NCBI GI #	46485440
NCBI GeneID	292804
NCBI Accession #	NP_997475.1

NCBI GenBank Nucleotide #	NM_207592.1
UniProt Accession #	Q6P6V0
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; Gpi1
NCBI Protein Information	glucose-6-phosphate isomerase; NLK; PGI; PHI; neuroleukin; phosphohexose isomerase; phosphoglucose isomerase; autocrine motility factor; glucose phosphate isomerase
UniProt Protein Name	Glucose-6-phosphate isomerase
UniProt Gene Name	Gpi
UniProt Synonym Gene Names	GPI; AMF; NLK; PGI; 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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/gpi-glucose-6-phosphate-isomerase/278419>