

Human PGAM1 ELISA Kit | PGAM1 elisa kit

Human PGAM1 (Phosphoglycerate Mutase 1) ELISA Kit

CATALOG #
AAA163389

REACTIVITY
Human

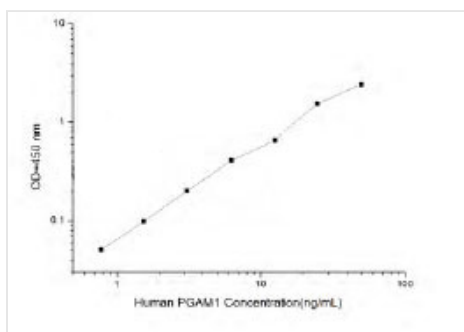
PRODUCT SYNONYMS

PGAM1; Human PGAM1 (Phosphoglycerate Mutase 1) ELISA Kit; PGAM1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human PGAM1 in samples. No significant cross-reactivity or interference between Human PGAM1 and analogues was observed.
Sequence Length	254
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.78-50ng/mL
Sensitivity	0.47ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human PGAM1 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human PGAM1 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGAM1 elisa kit	Intended Uses: This ELISA kit can be applied to the in vitro quantitative determination of Human PGAM1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been precoated with an antibody specific to Human PGAM1. Standards or samples are added to appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibodies specific for Human PGAM1 and Avidin-Horseradish Peroxidase (HRP) conjugate are added to each micro plate well successively and incubated. After incubation, free components are washed away. Then the Substrate Reagent is added to each well, only those wells that contain Human PGAM1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction will be terminated by adding Stop Solution and appears yellow in color. The optical density (OD) can be measured with spectrophotometry at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human PGAM1. The concentration of Human PGAM1 in samples can be calculated by comparing the OD of the samples with the standard curve.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505753
NCBI GeneID	5223
NCBI Accession #	NP_002620.1
NCBI GenBank Nucleotide #	NM_002629.2
UniProt Accession #	P18669; Q9BWC0
Molecular Weight	28,804 Da
NCBI Official Full Name	phosphoglycerate mutase 1
NCBI Official Synonym Full Names	phosphoglycerate mutase 1 (brain)
NCBI Official Symbol	PGAM1
NCBI Official Synonym Symbols	PGAMA; PGAM-B; HEL-S-35
NCBI Protein Information	phosphoglycerate mutase 1; BPG-dependent PGAM 1; epididymis secretory protein Li 35; phosphoglycerate mutase A, nonmuscle form; phosphoglycerate mutase isozyme B
UniProt Protein Name	Phosphoglycerate mutase 1
UniProt Gene Name	PGAM1
UniProt Synonym Gene Names	PGAMA; PGAM-B
UniProt Entry Name	PGAM1_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.