

Human PGAM2 ELISA Kit | PGAM2 elisa kit

Human PGAM2 (Phosphoglycerate Mutase 2) ELISA Kit

CATALOG #
AAA165454

REACTIVITY
Human

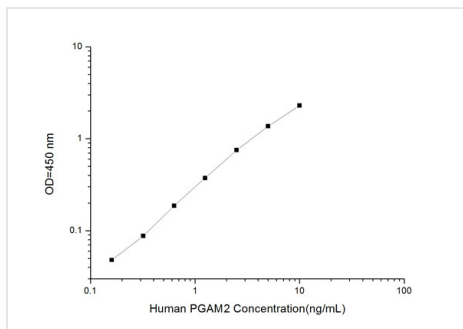
PRODUCT SYNONYMS

PGAM2; Human PGAM2 (Phosphoglycerate Mutase 2) ELISA Kit; PGAM2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human PGAM2. No significant cross-reactivity or interference between Human PGAM2 and analogues was observed.
Sequence Length	253
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PGAM2 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human PGAM2 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 pre-coated with an antibody specific to PGAM2. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for PGAM2 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain PGAM2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of PGAM2. You can calculate the concentration of PGAM2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	50593010
NCBI GeneID	5224
NCBI Accession #	NP_000281.2
NCBI GenBank Nucleotide #	NM_000290.3
UniProt Accession #	P15259
Molecular Weight	28,766 Da
NCBI Official Full Name	phosphoglycerate mutase 2
NCBI Official Synonym Full Names	phosphoglycerate mutase 2 (muscle)
NCBI Official Symbol	PGAM2
NCBI Official Synonym Symbols	GSD10; PGAMM; PGAM-M
NCBI Protein Information	phosphoglycerate mutase 2; BPG-dependent PGAM 2; muscle-specific phosphoglycerate mutase; phosphoglycerate mutase isozyme M
UniProt Protein Name	Phosphoglycerate mutase 2
UniProt Gene Name	PGAM2
UniProt Synonym Gene Names	PGAMM; PGAM-M
UniProt Entry Name	PGAM2_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.