

Human PGAM5 (Serine/threonine-protein phosphatase PGAM5, mitochondrial) ELISA Kit | PGAM5 elisa kit

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CATALOG # AAA250258	REACTIVITY Human
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PRODUCT SYNONYMS

PGAM5 (Serine/threonine-protein phosphatase PGAM5; mitochondrial); Human PGAM5 (Serine/threonine-protein phosphatase PGAM5; mitochondrial) ELISA Kit; Serine/threonine-protein phosphatase PGAM5; mitochondrial; Bcl-XL-binding protein v68; Phosphoglycerate mutase family member 5; PGAM5; PGAM5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PGAM5. No significant cross-reactivity or interference between PGAM5 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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

ADDITIONAL INFORMATION

Related Product Information for PGAM5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed 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 target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	281604136
NCBI GeneID	192111
NCBI Accession #	NP_001164014.1
NCBI GenBank Nucleotide #	NM_001170543.1
UniProt Accession #	Q96HS1; Q96JB0; A9LN06; C9IZY7
Molecular Weight	32,004 Da

NCBI Official Full Name	serine/threonine-protein phosphatase PGAM5, mitochondrial isoform 1
NCBI Official Synonym Full Names	phosphoglycerate mutase family member 5
NCBI Official Symbol	PGAM5
NCBI Official Synonym Symbols	BXLBV68
NCBI Protein Information	serine/threonine-protein phosphatase PGAM5, mitochondrial; Bcl-XL-binding protein v68
UniProt Protein Name	Serine/threonine-protein phosphatase PGAM5, mitochondrial
UniProt Gene Name	PGAM5
UniProt Entry Name	PGAM5_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/pgam5-serine-threonine-protein-phosphatase-pgam5-mitochondrial/250258>