

Human Phosphoacetylglucosamine mutase ELISA Kit | PGM3 elisa kit

Human Phosphoacetylglucosamine mutase (PGM3) ELISA Kit

CATALOG # AAA55374	REACTIVITY Human
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PRODUCT SYNONYMS

Phosphoacetylglucosamine mutase; Human Phosphoacetylglucosamine mutase (PGM3) ELISA Kit; PGM3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PGM3. No significant cross-reactivity or interference between Human PGM3 and analogues was observed.
Sequence Length	542
Samples	Serum, Plasma, Other biological fluids
Assay Type	Sandwich
Sample Volume	1-200 uL
Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100 Intra-Assay: CV Inter-Assay: CV
Detection Wavelength	450 nm
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PGM3 elisa kit	Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PGM3 in samples. An antibody specific for PGM3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PGM3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PGM3 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PGM3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	315707006
NCBI GeneID	5238
NCBI Accession #	NP_001186846.1
NCBI GenBank Nucleotide #	NM_001199917.1
UniProt Accession #	O95394 ; Q5JWR4 ; Q96J46 ; Q9H8G5 ; Q9NS94 ; Q9NTT6 ; Q9UFV5 ; B2RB65 ; B4DX94 ; D6RF12 ; E1P547 ; E9PF86

Molecular Weight	62,941 Da
NCBI Official Full Name	phosphoacetylglucosamine mutase isoform 1
NCBI Official Synonym Full Names	phosphoglucomutase 3
NCBI Official Symbol	PGM3
NCBI Official Synonym Symbols	AGM1; PAGM; IMD23; PGM 3
NCBI Protein Information	phosphoacetylglucosamine mutase
UniProt Protein Name	Phosphoacetylglucosamine mutase
UniProt Gene Name	PGM3
UniProt Synonym Gene Names	PGM 3

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/pgm3-human-elisa-kits/phosphoacetylglucosamine-mutase/55374>