

Mouse Bisphosphoglycerate mutase ELISA Kit | BPGM elisa kit

Mouse Bisphosphoglycerate mutase (BPGM) ELISA Kit

CATALOG #
AAA55843

REACTIVITY
Mouse

PRODUCT SYNONYMS

Bisphosphoglycerate mutase; Mouse Bisphosphoglycerate mutase (BPGM) ELISA Kit; 2; 3-Bisphosphoglycerate Mutase; 3-bisphosphoglycerate mutase; erythrocyte; 3-bisphosphoglycerate synthase; BPG-dependent PGAM; BPGM elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse BPGM. No significant cross-reactivity or interference between Mouse BPGM and analogues was observed.
Sequence Length	259
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	31.25 pg/mL - 2000 pg/mL
Sensitivity	15.6 pg/mL
Intra-assay 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. Intra-Assay: CV<8%
Inter-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. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for BPGM elisa kit	Intended Uses: For the quantitative detection of Mouse Bisphosphoglycerate mutase (BPGM) concentration in serum, plasma, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate BPGM in Mouse serum, plasma, tissue homogenates. An antibody specific for BPGM has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any BPGM present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for BPGM 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 BPGM 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 #	6680806
NCBI GeneID	12183
NCBI Accession #	NP_031589.1
NCBI GenBank Nucleotide #	NM_007563.4

UniProt Accession #	P15327 ; Q543Z6
Molecular Weight	29,978 Da
NCBI Official Full Name	bisphosphoglycerate mutase
NCBI Official Synonym Full Names	2,3-bisphosphoglycerate mutase
NCBI Official Symbol	Bpgm
NCBI Official Synonym Symbols	C86192; AI323730; AL022789
NCBI Protein Information	bisphosphoglycerate mutase
UniProt Protein Name	Bisphosphoglycerate mutase
UniProt Gene Name	Bpgm
UniProt Synonym Gene Names	BPGM

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/bpgm-mouse-elisa-kits/bisphosphoglycerate-mutase/55843>