

General 2,3-Bisphosphoglycerate ELISA Kit | 2,3-BPG elisa kit

2,3-Bisphosphoglycerate ELISA Kit

CATALOG #
AAA13311

REACTIVITY
General

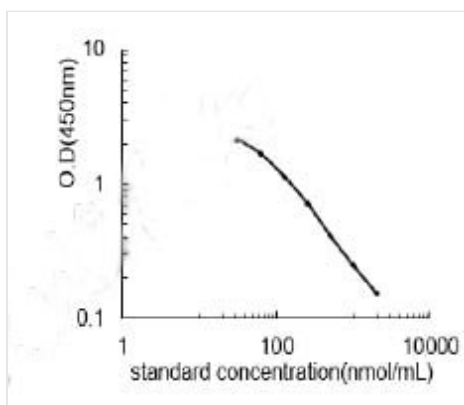
PRODUCT SYNONYMS

2; 3-Bisphosphoglycerate; 3-Bisphosphoglycerate ELISA Kit; 3-BPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	Recombinant and nature General 2,3-Bisphosphoglycerate
Sequence Length	259
Assay Type	Quantitative Competitive
Samples	Serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
Detection Range	31.2 nmol/mL-2000 nmol/mL
Sensitivity	< 9.7 nmol/mL
Intra-assay Precision	<=4.3%
Inter-assay Precision	<=7.4%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 2,3-BPG elisa kit	Principle of the Assay: The ELISA is based on the competitive binding enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen, During the reaction, target antigen in the sample or standard competes with a fixed amount of biotin-labeled target antigen for sites on a pre-coated antibody specific to target antigen. Excess conjugate and unbound sample or standard are washed from the plate. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of target antigen in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of target antigen concentrations in serum, plasma, tissue homogenates, cell culture supernates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	179527
NCBI GeneID	669
Molecular Weight	30,005 Da
NCBI Official Full Name	2,3-bisphosphoglycerate
NCBI Official Synonym Full Names	bisphosphoglycerate mutase
NCBI Official Symbol	BPGM
NCBI Official Synonym Symbols	DPGM
NCBI Protein Information	bisphosphoglycerate mutase
UniProt Protein Name	Bisphosphoglycerate mutase
UniProt Gene Name	BPGM
UniProt Synonym Gene Names	BPGM; DPGM
UniProt Entry Name	PMGE_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/23-bpg-general-elisa-kits/23-bisphosphoglycerate/13311>