

Human 2,3-diphosphoglycerate (2,3-DPG) ELISA Kit | 2,3-DPG elisa kit

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CATALOG #
AAA12925

REACTIVITY
Human

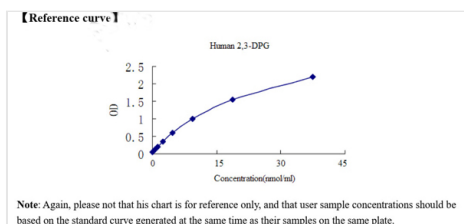
PRODUCT SYNONYMS

2; 3-diphosphoglycerate (2; 3-DPG); Human 2; 3-DPG) ELISA Kit; 3-DPG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	205
Assay Type	Sandwich
Detection Range	40 nmol/mL-0.625nmol/mL
Sensitivity	Up to 0.1 nmol/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



ADDITIONAL INFORMATION

Related Product Information for 2,3-DPG elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Human 2,3-DPG monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4151123
Molecular Weight	22,037 Da
NCBI Official Full Name	2,3-PDG dependent phosphoglycerate mutase

UniProt Protein Name	2,3-PDG dependent phosphoglycerate mutase
UniProt Gene Name	pgm
UniProt Entry Name	Q9ZAX0_AME

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/23-diphosphoglycerate-23-dpg/12925>