

Human 6-phosphogluconate dehydrogenase, decarboxylating ELISA Kit | PGD elisa kit

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CATALOG #
AAA192082

REACTIVITY
Human

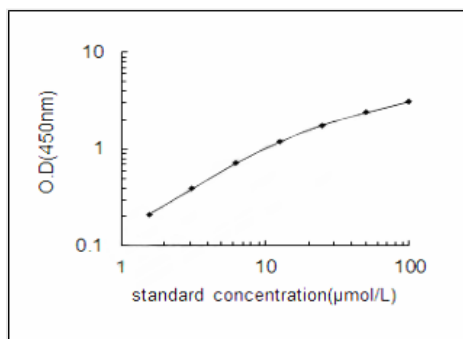
PRODUCT SYNONYMS

6-phosphogluconate dehydrogenase; decarboxylating; Human 6-phosphogluconate dehydrogenase; decarboxylating ELISA Kit; PGD; PGDH; 1.1.1.44; PGD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human 6-phosphogluconate dehydrogenase, decarboxylating. No significant cross-reactivity or interference was observed.
Sequence Length	461
Samples	Serum, Plasma, Tissue Homogenates, Cell Culture Supernates Or Other Biological Fluids.
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 PGD elisa kit

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.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to target antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific for target antigen and then avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain target antigen, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #

751130505

NCBI GeneID	5226
NCBI Accession #	NP_001291380.1
NCBI GenBank Nucleotide #	NM_001304451.1
UniProt Accession #	P52209; Q9BWD8; A8K2Y9; B4DQJ8
Molecular Weight	51,872 Da
NCBI Official Full Name	6-phosphogluconate dehydrogenase, decarboxylating isoform 2
NCBI Official Synonym Full Names	phosphogluconate dehydrogenase
NCBI Official Symbol	PGD
NCBI Official Synonym Symbols	6PGD
NCBI Protein Information	6-phosphogluconate dehydrogenase, decarboxylating
UniProt Protein Name	6-phosphogluconate dehydrogenase, decarboxylating
UniProt Gene Name	PGD
UniProt Synonym Gene Names	PGDH
UniProt Entry Name	6PGD_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/pgd-human-elisa-kits/6-phosphogluconate-dehydrogenase-decarboxylating/192082>