

Human hydroxyprostaglandin dehydrogenase 15- (NAD) ELISA Kit | HPGD elisa kit

Human 15-Hydroxyprostaglandin Dehydrogenase, 15-PGDH ELISA Kit

CATALOG #
AAA180422

REACTIVITY
Human

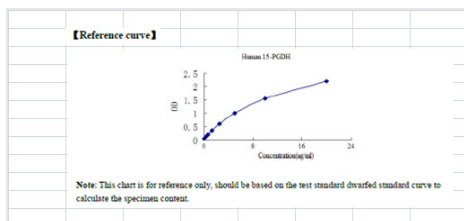
PRODUCT SYNONYMS

hydroxyprostaglandin dehydrogenase 15- (NAD); Human 15-Hydroxyprostaglandin Dehydrogenase; 15-PGDH ELISA Kit; HPGD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Human serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	Up to 0.06 ng/ml
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HPGD elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is human 15-PGDH monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31542939
NCBI GeneID	3248
NCBI Accession #	NP_000851.2

NCBI GenBank Nucleotide #	NM_000860.5
UniProt Accession #	P15428; O00749; Q06F08; Q12998; B4DTA4; B4DU74; B4DV57; D3DP43; E7EV11
Molecular Weight	28,977 Da
NCBI Official Full Name	15-hydroxyprostaglandin dehydrogenase
NCBI Official Synonym Full Names	hydroxyprostaglandin dehydrogenase 15-(NAD)
NCBI Official Symbol	HPGD
NCBI Official Synonym Symbols	PGDH; PGDH1; PHOAR1; 15-PGDH; SDR36C1
NCBI Protein Information	15-hydroxyprostaglandin dehydrogenase [NAD(+)]; 15-hydroxyprostaglandin dehydrogenase [NAD(+)]; prostaglandin dehydrogenase 1; NAD+-dependent 15-hydroxyprostaglandin dehydrogenase; short chain dehydrogenase/reductase family 36C, member 1
UniProt Protein Name	15-hydroxyprostaglandin dehydrogenase [NAD(+)]
UniProt Gene Name	HPGD
UniProt Synonym Gene Names	PGDH1; 15-PGDH
UniProt Entry Name	PGDH_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/human-elisa-kits/hydroxyprostaglandin-dehydrogenase-15-nad/180422>