

Human D-2-hydroxyglutarate dehydrogenase ELISA Kit | D2HGDH elisa kit

Human D-2-hydroxyglutarate dehydrogenase, mitochondrial, D2HGDH ELISA Kit

CATALOG #
AAA180447

REACTIVITY
Human

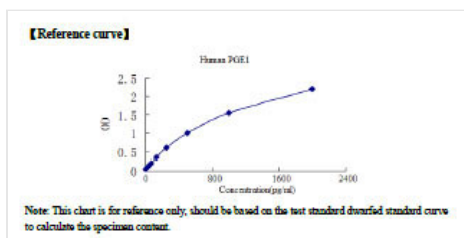
PRODUCT SYNONYMS

D-2-hydroxyglutarate dehydrogenase; Human D-2-hydroxyglutarate dehydrogenase; mitochondrial; D2HGDH ELISA Kit; D2HGDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	No cross-reaction with other factors.
Samples	Serum, plasma or cell culture supernatant and organizations in the natural and recombinant D2HGDH concentration.
Assay Type	Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	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 D2HGDH 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 D2HGDH 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 #	564730541
NCBI GeneID	728294

NCBI Accession #	NP_001274178.1
NCBI GenBank Nucleotide #	NM_001287249.1
UniProt Accession #	Q8N465; Q6IQ24; Q8N5Q8; B4E3L6; E7ENP2
Molecular Weight	56,416 Da
NCBI Official Full Name	D-2-hydroxyglutarate dehydrogenase, mitochondrial isoform 2
NCBI Official Synonym Full Names	D-2-hydroxyglutarate dehydrogenase
NCBI Official Symbol	D2HGDH
NCBI Official Synonym Symbols	D2HGD
NCBI Protein Information	D-2-hydroxyglutarate dehydrogenase, mitochondrial
UniProt Protein Name	D-2-hydroxyglutarate dehydrogenase, mitochondrial
UniProt Gene Name	D2HGDH
UniProt Synonym Gene Names	D2HGD
UniProt Entry Name	D2HGDH_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://www.aaabiotech.com/human-elisa-kits/d-2-hydroxyglutarate-dehydrogenase/180447>