

Human Dihydrolipoyl Dehydrogenase ELISA Kit | DLD elisa kit

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CATALOG #
AAA99499

REACTIVITY
Human

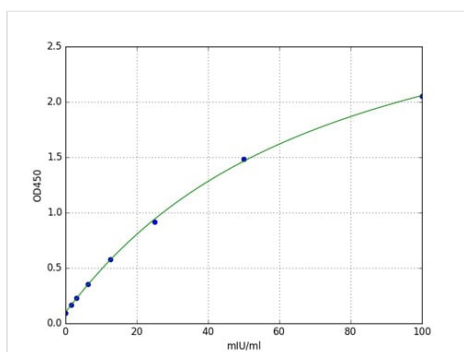
PRODUCT SYNONYMS

Dihydrolipoyl Dehydrogenase; Human Dihydrolipoyl Dehydrogenase ELISA Kit; DLD/Diaphorase/DLD/DLDD/DLDH/GCSL/LAD/Lipoamide Dehydrogenase/PHE3/2-oxo-glutarate complex; branched chain keto acid dehydrogenase complex)/branched chain keto acid dehydrogenase complex/dihydrolipoamide dehydrogenase (E3 component of pyruvate dehydrogenase complex/dihydrolipoamide dehydrogenasemitochondrial/DLDH/E3/E3 component of pyruvate dehydrogenase complex; 2-oxo-glutarate complex/EC 1.8.1/EC 1.8.1.4/GCSL/Glycine cleavage system L protein/glycine cleavage system protein L/lipoamide dehydrogenase/lipoamide reductase/lipoyl dehydrogenase; DLD elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	495
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Ste ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.068	0.136	0.207	0.331	0.557	1.164	1.672	1.978

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for DLD elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Ste antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Ste antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Ste amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Ste can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	914097020
NCBI GeneID	106100662
NCBI Accession #	NP_001298596.1
NCBI GenBank Nucleotide #	NM_001311667.1
NCBI Official Full Name	dihydrolipoyl dehydrogenase
NCBI Official Symbol	LOC106100662
NCBI Protein Information	dihydrolipoyl dehydrogenase

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/dld-human-elisa-kits/dihydrolipoyl-dehydrogenase/99499>