

Human Lactate Dehydrogenase B ELISA Kit | LDHB elisa kit

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CATALOG #
AAA100840

REACTIVITY
Human

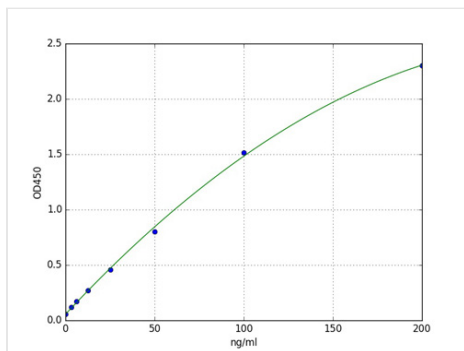
PRODUCT SYNONYMS

Lactate Dehydrogenase B; Human Lactate Dehydrogenase B ELISA Kit; LDHB (Lactate Dehydrogenase B)/LDH-B/LDH-H; LDHB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	334
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	3.125-200ng/ml
Sensitivity	1.875ng/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 LDHB 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	3.125	6.25	12.5	25	50	100	200
Y	OD450	0.038	0.056	0.085	0.136	0.308	0.675	1.533	2.693

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LDHB elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-LDHB antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-LDHB 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 LDHB amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of LDHB can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

864508996

NCBI GeneID	101693824
NCBI Accession #	NP_001297117.1
NCBI GenBank Nucleotide #	NM_001310188.1
NCBI Official Full Name	lactate dehydrogenase B
NCBI Official Symbol	LDHB
NCBI Protein Information	lactate dehydrogenase B

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/ldhb-human-elisa-kits/lactate-dehydrogenase-b/100840>