

Sheep L-Lactate Dehydrogenase ELISA Kit | L-LDH elisa kit

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CATALOG #
AAA100619

REACTIVITY
Sheep

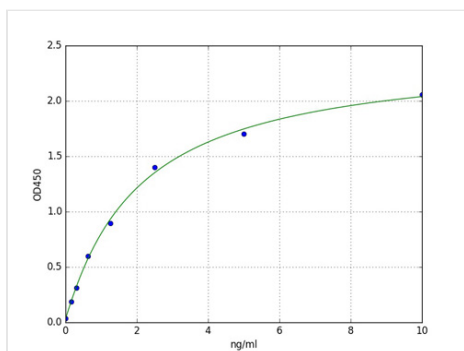
PRODUCT SYNONYMS

L-Lactate Dehydrogenase; Sheep L-Lactate Dehydrogenase ELISA Kit; L-LDH elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Sheep
Sequence Length	310
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 Sheep L-LDH 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	0.018	0.172	0.305	0.568	0.954	1.434	1.877	2.123

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for L-LDH elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #

328450099

Molecular Weight	32,400 Da
NCBI Official Full Name	L-lactate dehydrogenase
UniProt Protein Name	L-lactate dehydrogenase
UniProt Gene Name	ldh
UniProt Synonym Gene Names	L-LDH
UniProt Entry Name	F2NNI5_MARHT

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/l-ldh-sheep-elisa-kits/l-lactate-dehydrogenase/100619>