

Fish Lactate Dehydrogenase (LDH) ELISA Kit-Sandwich

Cat. No.: EK11F369

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Fish Lactate Dehydrogenase (LDH) ELISA Kit-Sandwich is designed for the quantitative determination of Fish Lactate Dehydrogenase (LDH) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Sandwich ELISA method. For research use only.

Specifications

Assay Type	ELISA-Sandwich
Specificity	The assay kit is specific for Fish LDH.
Target Species	Aquaculture Species
Species Reactivity	Aquaculture Species
Detection Range	5-180 ng/L
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids; 10 µL

Target Information

Lactate dehydrogenase (LDH), present in nearly all living cells, plays a pivotal role in converting pyruvate to lactate and vice versa. During this process, it also converts NAD⁺ to NADH and back. As a dehydrogenase, it transfers a hydride from one molecule to another. Interestingly, in a previous study, brain tissue enzyme activities (including LDH, PK, and CS) remained relatively constant across species, irrespective of their depth of occurrence, feeding habits, or locomotory behaviors

Target/Biomarker	Fish LDH
Target Synonym	lactate dehydrogenase; LDH

Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

The product is for research use only. Not for commercial, prophylactic, diagnostic, or therapeutic applications. Please determine the purpose of the product before purchasing. For further information and inquiry, please contact us.