

Fish Lipoprotein Lipase (LPL) ELISA Kit-Sandwich

Cat. No.: EK11F373

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Fish Lipoprotein Lipase (LPL) ELISA Kit-Sandwich is designed for the quantitative determination of Fish Lipoprotein Lipase (LPL) 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 LPL.
Target Species	Aquaculture Species
Species Reactivity	Aquaculture Species
Recovery	98%-102%
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids; 10 µL

Target Information

Lipoprotein lipase (LPL), a member of the lipase family, plays a crucial role in hydrolyzing triglycerides within lipoproteins. It converts them into two free fatty acids and one monoacylglycerol molecule. LPL is water-soluble and expressed in various tissues. In zebrafish (*Danio rerio*), its expression pattern is primarily restricted to the head region, including cells around the mouth opening, branchial arches, pectoral fin, and lateral line neuromast.

Target/Biomarker	Fish LPL
Target Synonym	lipoprotein lipase; LPL

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.