

Fish Follicle Stimulating Hormone (FSH) ELISA Kit-Sandwich

Cat. No.: EK11F359

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Fish Follicle Stimulating Hormone (FSH) ELISA Kit-Sandwich is designed for the quantitative determination of Fish Follicle Stimulating Hormone (FSH) 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 FSH.
Target Species	Aquaculture Species
Species Reactivity	Aquaculture Species
Detection Range	1-32 U/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

Follicle-stimulating hormone (FSH) significantly influences sexual development and fertility. Unlike in mammals, both gonadotropins (FSH and LH) efficiently stimulate steroidogenesis in fish, likely through direct interaction with their cognate receptors on Leydig cells. In fish, FSH plays a crucial role in early gonadal development and vitellogenesis. Similar to mammals, FSH is a heterodimer consisting of a noncovalently associated alpha subunit and a hormone-specific beta subunit.

Target/Biomarker	Fish FSH
Target Synonym	follicle stimulating hormone; follicle stimulating hormone subunit beta; FSH-B; FSHbeta; FSH-beta; follitropin subunit beta; FSH beta-subunit; Follitropin beta chain; follicle stimulating hormone beta subunit; follicle-stimulating hormone beta

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.