

Fish Estrone (E1) ELISA Kit-Competitive

Cat. No.: EK8F347

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Fish Estrone (E1) ELISA Kit-Competitive is designed for the quantitative determination of Fish E1 in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Fish E1.
Target Species	Aquaculture Species
Species Reactivity	Aquaculture Species
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Estrone is a 17-oxo steroid characterized by the estra-1,3,5(10)-triene structure, with a hydroxy group at position 3 and an oxo group at position 17, serving as an estrogen. Estrogens, including the three major forms-estrone (E1), estradiol (E2), and estriol (E3)-are essential hormones for developing female characteristics and reproductive functions. Research indicates that E1 negatively impacts testicular function and semen quality in zebrafish, even at environmental concentrations.

Target/Biomarker	Fish E1
Target Synonym	Estrone; E1

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.