

Zebrafish Thyroxine (T4) ELISA Kit-Competitive

Cat. No.: EK8F309

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Zebrafish Thyroxine (T4) ELISA Kit-Competitive is designed for the quantitative determination of Zebrafish T4 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 Zebrafish T4.
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

Thyroid hormones, namely thyroxine (T4) and triiodothyronine (T3), play a crucial role in the normal physiological processes and development of all vertebrates. In zebrafish, the introduction of external T4 has been observed to cause the early differentiation of pectoral fins and hasten the growth of pelvic fins.

Target/Biomarker	Zebrafish T4
Target Synonym	thyroxine; T4; thyroxin

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.