

Zebrafish Interleukin-1 Beta (IL1B) ELISA Kit-Sandwich

Cat. No.: EK8F291

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Zebrafish Interleukin-1 Beta (IL1B) ELISA Kit-Sandwich is designed for the quantitative determination of Zebrafish IL1B 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 Zebrafish IL1B.
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

Interleukin-1 Beta is encoded by the *IL1B* gene in zebrafish. Earlier studies revealed that zebrafish mutants with myeloid defects experience apoptosis in regenerative cells during fin fold regeneration. This apoptotic phenotype is attributed to the extended expression of interleukin 1 beta (il1b).

Target/Biomarker	Zebrafish IL1B
Target Synonym	il1-b; zgc:111873; Interleukin-1 Beta; interlukin-1 beta
Gene ID	405770

Shipping and Storage

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

Reference

Hasegawa, Tomoya, *et al.* "Transient inflammatory response mediated by interleukin-1 β is required for proper regeneration in zebra fish fin fold." *Elife* 6 (2017): e22716.

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.