

## Guinea Pig Interleukin-15 (IL15) ELISA Kit-Sandwich

**Cat. No.:** EK3F99

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Guinea Pig Interleukin 15 (IL15) ELISA Kit-Sandwich is designed for the quantitative determination of Guinea Pig IL15 in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 Guinea Pig IL15.
Target Species	Guinea Pig
Species Reactivity	Guinea Pig
Detection Range	15.7-1000 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

### Target Information

Interleukin 15 is an inflammatory cytokine that shares structural similarities with Interleukin-2 (IL-2). IL-15 is essential for the development, survival, and activation of NK cells, which are critical for innate immune responses. It supports the survival and proliferation of CD8+ T cells (cytotoxic T cells) and memory T cells, contributing to long-term immune memory. IL-15 plays a role in regulating immune responses and maintaining immune homeostasis. Following viral infection, IL-15 is secreted by mononuclear phagocytes, among other cell types. In Guinea pigs, the *IL15* gene encodes this cytokine.

Target/Biomarker	Guinea Pig IL15
Target Synonym	Interleukin 15; IL-15; IL15; Interleukin-15
Gene ID	<a href="#">100379533</a>
UniProt ID	<a href="#">Q75SZ9</a>

## Shipping and Storage

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

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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.