

## Chicken Interleukin 34 (IL34) ELISA Kit-Sandwich

**Cat. No.:** EK9F368

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Chicken IL34 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken interleukin 34 (IL34) 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 Chicken IL34.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	62.5-4000 pg/mL
Sensitivity	12.5 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

### Target Information

Interleukin-34 is a cytokine encoded by the *IL-34* gene. It can promote the differentiation and survival of monocytes and macrophages through the colony-stimulating factor-1 receptor and may play a role in brain and skin biology. It was reported that Interleukin-34 could regulate Th1 and Th17 cytokine production by activating multiple signaling pathways through CSF-1R in chicken cell lines.

Target/Biomarker	Chicken IL34
Target Synonym	interleukin 34; interleukin-34
Gene ID	<a href="#">100858424</a>
UniProt ID	<a href="#">R4GIU3</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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## Reference

Truong, A. D. *et al.* Interleukin-34 regulates Th1 and Th17 cytokine production by activating multiple signaling pathways through C SF-1R in chicken cell lines. *International journal of molecular sciences*. 2018, 19: 1665.

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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.