

Chicken Interleukin 22 (IL22) ELISA Kit-Sandwich

Cat. No.: EK9F391

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken IL22 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken interleukin 22 (IL22) 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 IL22.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	16-1000 pg/mL
Sensitivity	3.1 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-22 (IL-22), also known as ILTIF, is a protein encoded by the *IL22* gene. It is a member of a group of cytokines called the IL-10 family or IL-10 superfamily, and is an effective cellular inflammatory response mediator. Research showed that ileal IL-22 expression level in chickens fed with *Piper sarmentosum* extract was significantly increased compared with the control.

Target/Biomarker	Chicken IL22
Target Synonym	interleukin 22; interleukin-22; IL-22
Gene ID	417838
UniProt ID	E1C1U2

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

Zhou, L. *et al.* The Influence of *Piper sarmentosum* extract on growth performance, intestinal barrier function, and metabolism of growing chickens. *Animals*. 2023, 13: 2108.

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.