

Chicken IL2 ELISA Kit-Sandwich

Cat. No.: EK9F388

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken IL2 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken interleukin 15 (IL2) 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 IL2.
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-2 (IL2), previously known as T cell growth factor, is a potent immunomodulatory lymphofactor produced by T cells activated by lectins or antigens. It is produced not only by mature T lymphocytes in response to stimulation but also by certain T cell lymphoma cell lines. The balance between pro-inflammatory cytokines (IFN- γ and IL-2) and anti-inflammatory cytokine (IL-4) was disturbed by Aflatoxin B1 in a chicken model.

Target/Biomarker	Chicken IL2
Target Synonym	interleukin 15; IL-2; interleukin-2; interleukin 2
Gene ID	373958
UniProt ID	Q5UB38

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

Lu, Q. *et al.* Effect of penthorum chinense pursh compound on AFB1-Induced immune imbalance via JAK/STAT signaling pathway in spleen of broiler chicken. *Veterinary sciences*. 2023, 10: 521.

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.