

Chicken IL3 ELISA Kit-Sandwich

Cat. No.: EK9F68

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken IL3 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken Interleukin 3 (IL3) 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 IL3.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	81-500 pg/mL
Sensitivity	3.7 pg/mL
Recovery	85%-108%
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

As a cytokine produced mainly by activated T cells, interleukin 3 (IL3) plays an important role in infection, inflammation, and cancer. In chickens, its serum level could be promoted by polysaccharide of *Atractylodes macrocephala* Koidz, which improved the level of cellular and humoral immunity of the body.

Target/Biomarker	Chicken IL3
Target Synonym	MCGF; MULTI-CSF; MCSF; M-CSF; Multiple; Multilineage-Colony-Stimulating Factor; Hematopoietic Growth Factor; P-Cell Stimulating Factor; Mast-Cell Growth Factor; interleukin 3

Gene ID [474356](#)

UniProt ID [Q5W4T9](#)

Shipping and Storage

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

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.