

Chicken Complement Component 3 (C3) ELISA Kit-Sandwich

Cat. No.: EK9F151

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Chicken C3 ELISA Kit-Sandwich is designed for the quantitative determination of Chicken complement component 3 (C3) 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 C3.
Target Species	Chicken
Species Reactivity	Chicken
Detection Range	0.2-2000 ng/mL
Sensitivity	6.25 ng/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

Complements play important roles in animal immunity. The serum concentration of complement component 3 was used as a biomarker of immunity in a chicken model challenged with *Escherichia coli* K88.

Target/Biomarker	Chicken C3
Target Synonym	complement component 3; C3d; complement C3 alpha chain; complement component 3d
Gene ID	396370
UniProt ID	A6N9E0

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.