

Guinea Pig Complement Component 3 (C3) ELISA Kit-Sandwich

Cat. No.: EK3F53

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Guinea Pig Complement Component 3 (C3) ELISA Kit-Sandwich is designed for the quantitative determination of Guinea Pig 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 Guinea Pig C3.
Target Species	Guinea Pig
Species Reactivity	Guinea Pig
Detection Range	0.32-20 ng/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Complement component 3, commonly referred to as C3, is a protein primarily found in the blood and is a key player in the complement system of vertebrates, contributing to innate immunity. Guinea pigs serve as a unique model for studying the biological functions of C3 both *in vivo* and *in vitro*. Researchers use techniques like ELISA, Western blotting, and complement activity assays to study guinea pig C3. Understanding the guinea pig C3 response is important for evaluating the immune status of these animals in research settings.

Target/Biomarker	Guinea Pig C3
Target Synonym	ASP; CPAMD1; Complement Protein C3; C3 and PZP-like alpha-2-macroglobulin domain-containing protein 1; C3a anaphylatoxin; Acylation stimulating protein
Gene ID	100135462

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.