

Rabbit Soluble Terminal Complement Complex C5b-9 (sC5b-9) ELISA Kit-Sandwich

Cat. No.: EK3F285

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Rabbit Soluble Terminal Complement Complex C5b-9 (sC5b-9) ELISA Kit-Sandwich is designed for the quantitative determination of Rabbit sC5b-9 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 Rabbit sC5b-9
Target Species	Rabbit
Species Reactivity	Rabbit
Detection Range	0.16-10 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

C5b-9 plays a crucial role in inflammation by promoting cell proliferation and rescuing apoptotic cells. The assembly of C5b-9 on cell membranes leads to the formation of transmembrane channels, ultimately resulting in cell death. However, when the number of C5b-9 molecules is limited, nucleated cells can evade cell death through endocytosis and shedding of membranes containing C5b-9. The function of sC5b-9 (soluble membrane attack complex) in rabbits is primarily related to its role in the complement system. Studies have shown that an effective mechanism for the clearance of sC5b-9 exists in rabbits. The half-life of sC5b-9 in plasma of healthy rabbits is approximately 30-50 minutes.

Target/Biomarker	Rabbit sC5b-9
Target Synonym	MAC; Membrane Attack Complex; C5b-9; Terminal Complement Complex C5b-9; C5b9

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.