

Porcine Complement C5 (C5) ELISA Kit-Sandwich

Cat. No.: EK9F938

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine C5 ELISA Kit-Sandwich is designed for the quantitative determination of Porcine complement C5 (C5) 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 Porcine C5.
Target Species	Swine
Species Reactivity	Swine
Detection Range	32-2000 pg/mL
Sensitivity	6.25 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

Complement C5 is encoded by the C5 gene in pigs. Combined C5 and CD14 inhibition limited the inflammatory response, the organ damage, and reduced the catecholamine requirements after experimental polytrauma and might be a promising therapeutic approach.

Target/Biomarker	Porcine C5
Target Synonym	complement C5; complement C5a anaphylatoxin; complement component C5
Gene ID	414437
UniProt ID	P01032

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

Lupu, L. *et al.* Simultaneous C5 and CD14 inhibition limits inflammation and organ dysfunction in pig polytrauma. *Frontiers in immunology*. 2022, 13: 952267.

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.