

Porcine Interleukin 28B (IL28B) ELISA Kit-Sandwich

Cat. No.: EK9F809

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine IL28B ELISA Kit-Sandwich is designed for the quantitative determination of Porcine interleukin 28B (interferon, lambda 3) (IL28B) 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 IL28B.
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

Interleukin 28B is encoded by the *IL28B* gene in pigs. It is a key gene involved in antiviral responses.

Target/Biomarker	Porcine IL28B
Target Synonym	interleukin 28B (interferon; lambda 3); IL-28b; interleukin-28B
Gene ID	100310828
UniProt ID	A0A4X1SX21

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

Starbæk, S. M. R. *et al.* Innate antiviral responses in porcine nasal mucosal explants inoculated with influenza A virus are comparable with responses in respiratory tissues after viral infection. *Immunobiology*. 2022, 227: 152192.

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.