

Porcine Interleukin 17 (IL17) ELISA Kit-Sandwich

Cat. No.: EK12F408

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Interleukin 17(IL17) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Interleukin 17(IL17) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, 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 IL17.
Target Species	Swine
Species Reactivity	Swine
Detection Range	15.63-1000 pg/mL
Sensitivity	9.38 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 270 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Interleukin-17 (IL-17) is a family of pro-inflammatory cytokines produced by a group of T helper cells known as T helper 17 cells. IL-17 cytokine family has an important role in the host protection against specific pathogens. It can be a potent immunopotentiator for the prevention of microbial pathogen infections. Overall, the IL-17 family contributes to immune defense against infections, but excess production during chronic inflammation is associated with various inflammatory and autoimmune disorders.

Target/Biomarker	Porcine IL17
Target Synonym	IL-17; Interleukin 17; CTLA-8; IL17A; IL-17CTLA-8; IL17interleukin-17A; interleukin 17A

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

Peng, J. *et al.* Porcine Interleukin-17 and 22 Co-Expressed by *Yarrowia lipolytica* Enhance Immunity and Increase Protection against Bacterial Challenge in Mice and Piglets. *Biology*. 2022, 11: 1747.

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.