

Porcine Serpin Family E Member 1 (SerpineE1) ELISA Kit-Sandwich

Cat. No.: EK9F706

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine SERPINE1 ELISA Kit-Sandwich is designed for the quantitative determination of Porcine serpin family E member 1 (SERPINE1) 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 SERPINE1.
Target Species	Swine
Species Reactivity	Swine
Detection Range	46.875-3000 pg/mL
Sensitivity	9.36 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

Serpin family E member 1, also known as plasminogen activator inhibitor 1, is encoded by the *SERPINE1* gene in pigs. Research showed that the expression of CD44 and PAI-1 (encoded by SERPINE1) was increased in the intestines of piglets during viral infection.

Target/Biomarker	Porcine SERPINE1
Target Synonym	serpin family E member 1; PAI1; PLANH1; plasminogen activator inhibitor 1; PAI; PAI-1; endothelial plasminogen activator inhibitor; plasminogen activator inhibitor I; serpin E1
Gene ID	396945

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

Li, Y. *et al.* Role of intestinal extracellular matrix-related signaling in porcine epidemic diarrhea virus infection. *Virulence*. 2021, 12: 2352-2365.

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.