

## Porcine Dipeptidyl Peptidase 4 (DPP4) ELISA Kit-Sandwich

**Cat. No.:** EK9F947

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Porcine DPP4 ELISA Kit-Sandwich is designed for the quantitative determination of Porcine dipeptidyl peptidase 4 (DPP 4) 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 DPP4.
Target Species	Swine
Species Reactivity	Swine
Detection Range	0.31-20 ng/mL
Sensitivity	0.06 ng/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

Dipeptidyl peptidase 4 is encoded by the *DPP4* gene in pigs. It is a serine exopeptidase that regulates neuropeptides, chemokines, and peptide hormones by cleaving X-proline dipeptides from the N-terminus.

Target/Biomarker	Porcine DPP4
Target Synonym	dipeptidyl peptidase 4; dipeptidyl-peptidase 4; ADABP; CD26; DPPIV
Gene ID	<a href="#">397492</a>
UniProt ID	<a href="#">P22411</a>

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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## Reference

Saleem, W. *et al.* Changes in intestinal morphology, number of mucus-producing cells and expression of coronavirus receptors APN, DPP4, ACE2 and TMPRSS2 in pigs with aging. *Veterinary research*. 2023, 54: 34.

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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.