

Porcine Caveolin 1 (CAV1) ELISA Kit-Sandwich

Cat. No.: EK12F780

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Caveolin 1 (CAV1) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Caveolin 1 (CAV1) 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 CAV1.
Target Species	Swine
Species Reactivity	Swine
Detection Range	0.156-10 ng/mL
Sensitivity	0.05 ng/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

Caveolin 1 is encoded by the *CAV1* gene in pigs. It serves as the main component of caveolae, which are tiny invaginations found on the plasma membrane of most cell types. It plays a critical role in the invasion of host cells by pathogenic microbes. Cav1 has been identified as a potential diagnostic and genetic marker for disease resistance in animal breeding.

Target/Biomarker	Porcine CAV1
Target Synonym	Caveolin-1; CAV1
Gene ID	404693
UniProt ID	Q6RVA9

Shipping and Storage

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

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.