

Porcine Flotillin-1 (FLOT1) ELISA Kit-Sandwich

Cat. No.: EK12F526

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Flotillin-1 (FLOT1) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Flotillin-1 (FLOT1) 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 FLOT1.
Target Species	Swine
Species Reactivity	Swine
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

Flotillin-1 is encoded by the *FLOT1* gene in pigs. The FLOT/reggie protein family is an integral membrane element that consists of two isoforms: flotillin-1 and flotillin-2. Flotillin-1 is predominantly expressed in the nervous system and has been identified as an evolutionarily conserved protein that plays a role in learning and memory. Flotillin-1 is involved in several cellular functions, including cell adhesion, actin cytoskeleton reorganization, endocytosis, phagocytosis, and the transduction of cellular signals.

Target/Biomarker	Porcine FLOT1
Target Synonym	Flotillin-1; FLOT1
Gene ID	100151746
UniProt ID	Q767L6

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

Hu, J. *et al.* Flotillin-1 Interacts With and Sustains the Surface Levels of TRPV2 Channel. *Frontiers in cell and developmental biology*. 2021, 9.

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.