

Porcine Cofilin-2 (CFL2) ELISA Kit-Sandwich

Cat. No.: EK12F617

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Cofilin-2 (CFL2) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Cofilin-2 (CFL2) 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 CFL2.
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

Cofilin-2 is encoded by the *CFL2* gene in pigs. It is a member of the cofilin family of eukaryotic actin-binding proteins. It is a widely distributed intracellular actin-modulating protein. Cofilin-2 binds to and depolymerizes filamentous F-actin, inhibiting the polymerization of monomeric G-actin in a pH-dependent manner. It is predominantly expressed in mammalian skeletal muscle and heart and is important for muscle fiber formation and regeneration.

Target/Biomarker	Porcine CFL2
Target Synonym	Cofilin-2; Cofilin; muscle isoform; CFL2
Gene ID	497233
UniProt ID	Q5G6V9

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.