

Porcine Actin, Alpha Skeletal Muscle (ACTA1) ELISA Kit-Sandwich

Cat. No.: EK12F534

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Actin, Alpha Skeletal Muscle (ACTA1) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Actin, Alpha Skeletal Muscle (ACTA1) 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 ACTA1.
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

Actins are highly conserved proteins involved in cell motility, structure, and integrity. Actin alpha 1 is one of six different actin isoforms identified. Actin, Alpha Skeletal Muscle is encoded by the *ACTA1* gene in pigs. It is a protein that is present in muscle tissues as a major constituent of the contractile apparatus. Skeletal alpha actin expression is induced by stimuli and conditions that lead to muscle formation.

Target/Biomarker	Porcine ACTA1
Target Synonym	Actin; alpha skeletal muscle; Alpha-actin-1; ACTA1; ACTA
Gene ID	100154254
UniProt ID	P68137

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.