

Porcine S100 Calcium Binding Protein A6 (S100A6) ELISA Kit-Sandwich

Cat. No.: EK12F514

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine S100 calcium binding protein A6 (S100A6) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine S100 calcium binding protein A6 (S100A6) 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 S100A6.
Target Species	Swine
Species Reactivity	Swine
Detection Range	62.5-4000 pg/mL
Sensitivity	37.5 pg/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

S100 calcium binding protein A6 is encoded by the *S100A6* gene in pigs. S100A6 belongs to the S100 protein family and has two EF-hand motifs that bind Ca²⁺ or interact with other proteins. The protein is involved in various cellular processes, including cell migration, apoptosis, inflammation, and cancer. Studies have demonstrated that the S100A6 gene is upregulated in response to different stimuli, such as exposure to toxins, pathogens, and cytokines.

Target/Biomarker	Porcine S100A6
Target Synonym	S100A6; S100 Calcium Binding Protein A6; CACY; MLN 4; PRA; 2A9; CABP; CACY5 B10; Calcyclin; Growth factor-inducible protein 2A9; PRAS100 calcium binding protein A6; Prolactin receptor-associated protein; protein S100-A6; S100 calcium-binding protein A6

Gene ID [733608](#)

UniProt ID [Q2EN75](#)

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.