

Porcine ADP/ATP Translocase 3 (SLC25A6) ELISA Kit-Sandwich

Cat. No.: EK12F535

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine ADP/ATP Translocase 3 (SLC25A6) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine ADP/ATP Translocase 3 (SLC25A6) 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 SLC25A6.
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

ADP/ATP Translocase 3 is encoded by the *SLC25A6* gene in pigs. It is an ADP:ATP antiporter that mediates the import of ADP into the mitochondrial matrix for ATP synthesis and the export of ATP out to fuel the cell. Beyond its ADP:ATP antiporter activity, it is also involved in mitochondrial uncoupling and mitochondrial permeability transition pore (mPTP) activity. It is a master regulator of mitochondrial energy output, balancing ATP production and thermogenesis.

Target/Biomarker	Porcine SLC25A6
Target Synonym	ADP/ATP translocase 3; ADP; ATP carrier protein 3; Adenine nucleotide translocator 3; ANT 3; Solute carrier family 25 member 6; SLC25A6; ANT3
Gene ID	403155
UniProt ID	Q6QRN9

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.