

Porcine Nicotinamide N-methyltransferase (NNMT) ELISA Kit-Sandwich

Cat. No.: EK12F436

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Nicotinamide N-methyltransferase (NNMT) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Nicotinamide N-methyltransferase (NNMT) 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 NNMT.
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

Nicotinamide N-methyltransferase (NNMT) is an enzyme encoded by the *NNMT* gene in pigs. NNMT catalyses the methylation of nicotinamide and related compounds using the methyl donor S-adenosylmethionine (SAM-e) to produce S-adenosyl-L-homocysteine (SAH) and 1-methylnicotinamide. It is involved in the metabolism of nicotinamide and other pyridine-containing compounds. Methylation of nicotinamide by NNMT and SAM-e is the main pathway for the degradation of nicotinamide leading to excretion in the urine.

Target/Biomarker	Porcine NNMT
Target Synonym	Nicotinamide N-methyltransferase; NNMT; 2.1.1.1
Gene ID	100144485
UniProt ID	Q06AV1

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.