

## Porcine Glycine N-Methyltransferase (GNMT) ELISA Kit-Sandwich

**Cat. No.:** EK12F705

**Product Type:** Animal Immunoassay Kits

**Size:** 48T;96T

### Product Overview

BioVenic Porcine Glycine N-Methyltransferase (GNMT) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Glycine N-Methyltransferase (GNMT) 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 GNMT.
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

N-Methyltransferases are a diverse group of enzymes that play essential roles in various biological processes by adding a methyl group to specific substrates. Glycine N-Methyltransferase is encoded by the *GNMT* gene in pigs. GNMT is a tetrameric, cytosolic protein present in large amounts in the liver. Glycine N-methyltransferase has been shown to play an important role in response to developmental stages and metabolic changes in mammals.

Target/Biomarker	Porcine GNMT
Target Synonym	Glycine N-methyltransferase; GNMT; 2.1.1.20
Gene ID	<a href="#">397444</a>
UniProt ID	<a href="#">Q29555</a>

### Shipping and Storage

This product is shipped with gel ice packs. It is recommended to store at 2-8 °C (Up to 6 months).

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## Reference

Luka, Z. *et al.* Glycine N-methyltransferase and regulation of S-adenosylmethionine levels. *The Journal of biological chemistry*. 2009, 284: 22507-22511.

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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.