

Porcine Motilin (MLN) ELISA Kit-Competitive

Cat. No.: EK3F369

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Porcine Motilin (MLN) ELISA Kit-Competitive is designed for the quantitative determination of Porcine Motilin (MLN) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only. Sandwich ELISA assay kit targeting Porcine Motilin (MLN) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Porcine MLN.
Target Species	Swine
Species Reactivity	Swine
Detection Range	15.7-1000 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 12%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Motilin plays a crucial role in controlling gastrointestinal motility. During the inter-digestive state, motilin is released into the general circulation approximately every 100 minutes. It is the most important factor in controlling inter-digestive migrating contractions. It also stimulates the endocrine pancreas to release hormones. Promotilin is encoded by the *MLN* gene in pigs. Proteolytic processing of promotilin to motilin occurs at the sequence Lys-Lys. In pig studies, Motilin can cause gallbladder contraction through intravenous injection, which is consistent with the results of humans and other animals.

Target/Biomarker	Porcine MLN
Target Synonym	Promotilin; MLN
Gene ID	397466

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.