

Swine Gamma-Aminobutyric Acid (GABA) ELISA Kit-Competitive

Cat. No.: EK2F318

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Gamma-Aminobutyric Acid (GABA) ELISA Kit-Competitive is designed for the quantitative determination of Swine Gamma-Aminobutyric Acid (GABA) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Swine GABA.
Target Species	Swine
Species Reactivity	Swine
Detection Range	31.26-2000 pg/mL
Sensitivity	9.27 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 120 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Gamma-aminobutyric acid (GABA), also known as GABA, is the major inhibitory neurotransmitter in the mature mammalian central nervous system. Its main role is to reduce neuronal excitability throughout the nervous system. It lessens a nerve cell's ability to receive, create, or send chemical messages to other nerve cells. GABA works together with another neurotransmitter, serotonin. Feeding GABA can alleviate transportation stress in pigs.

Target/Biomarker	Swine GABA
Target Synonym	4-Aminobutyric Acid

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.