

Porcine Galanin Peptides (GAL) ELISA Kit-Sandwich

Cat. No.: EK12F549

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Porcine Galanin Peptides (GAL) ELISA Kit-Sandwich is designed for the quantitative determination of Porcine Galanin Peptides (GAL) 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 GAL.
Target Species	Swine
Species Reactivity	Swine
Detection Range	15.6-1000 pg/mL
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

Galanin Peptides is encoded by the *GAL* gene in pigs. It plays diverse roles and has been implicated in various biological functions. Galanin is a neurohormone and neurotransmitter that regulates food intake, insulin levels, and somatostatin release in the neuroendocrine axis. It is expressed in the central nervous system, including the hypothalamus, pituitary, and spinal cord, and co-localizes with other neuronal peptides within neurons.

Target/Biomarker	Porcine GAL
Target Synonym	Galanin peptides; GAL; GALN
Gene ID	397465
UniProt ID	P07480

Shipping and Storage

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

Reference

Zhu, S. *et al.* Galanin family peptides: Molecular structure, expression and roles in the neuroendocrine axis and in the spinal cord. *Frontiers in endocrinology*. 2022, 13.

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.