

Canine Ghrelin (GHRL) ELISA Kit-Competitive

Cat. No.: EK12F970

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Canine Ghrelin (GHRL) ELISA Kit-Competitive is designed for the quantitative determination of Canine Ghrelin (GHRL) 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 Canine Ghrelin (GHRL) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Canine GHRL.
Target Species	Canine
Species Reactivity	Canine
Detection Range	156.25-10000 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

Ghrelin is a natural ligand of the growth hormone secretagogue receptor. It is predominantly produced by enteroendocrine cells in the gastrointestinal tract, particularly the stomach. It belongs to the G-protein coupled receptor family and is widely distributed along various tissues. It is mainly produced by endocrine X/A-like cells of the submucosal layer of the stomach and is secreted directly into the blood. In healthy dogs, ghrelin regulates feeding behavior and energy metabolism.

Target/Biomarker	Canine GHRL
Target Synonym	MTLRP; Growth Hormone-Releasing Peptide
Gene ID	403587

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

Majchrzak, K. *et al.* A role of ghrelin in canine mammary carcinoma cells proliferation, apoptosis and migration. *BMC Veterinary Research*. 2012, 8: 170.

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.