

Swine Growth Hormone Releasing Hormone (GHRH) ELISA Kit-Competitive

Cat. No.: EK1F266

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Swine Growth Hormone Releasing Hormone (GHRH) ELISA Kit-Competitive is designed for the quantitative determination of Swine Growth Hormone Releasing Hormone (GHRH) 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 Swine Growth Hormone Releasing Hormone (GHRH) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Swine GHRH.
Target Species	Swine
Species Reactivity	Swine
Detection Range	15.63-1000 pg/mL
Sensitivity	5.22 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

Growth hormone-releasing hormone (GHRH), also known as somatocrinin, is a hormone produced in the hypothalamus. Its main role is to stimulate the pituitary gland to produce and release growth hormone (GH) into the bloodstream. Growth hormone releasing hormone is encoded by the porcine *GHRH* gene. Research has shown that injection and expression of porcine GHRH gene plasmid in skeletal muscle of pigs stimulates GHRH and GH secretion and increases circulating IGF-I concentration in piglets, improving growth performance and feed conversion.

Target/Biomarker	Swine GHRH
Target Synonym	GRF; GHRF; Somatocrinin; Growth-Hormone-Releasing Factor; Sermorelin; Somatoliberin

Gene ID [100499556](#)

UniProt ID [P01287](#)

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.