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Caprine Gonadotropin Releasing Hormone (GnRH1) ELISA Kit-Competitive

Cat. No.: EK1F480

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Caprine Gonadotropin Releasing Hormone (GnRH1) ELISA Kit-Competitive is designed for the quantitative determination of Caprine Gonadotropin Releasing Hormone (GnRH1) 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 Caprine Gonadotropin Releasing Hormone (GnRH1) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Caprine GnRH1.
Target Species	Caprine
Species Reactivity	Caprine
Detection Range	15.63-1000 pg/mL
Sensitivity	9.39 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

Gonadotropin-releasing hormone (GnRH) is a hormone produced by the hypothalamus that plays an important role in regulating th e reproductive system. GnRH is synthesized and released from GnRH neurons within the hypothalamus. It constitutes the initial ste p in the hypothalamic-pituitary-gonadal axis. GnRH regulates the secretion of FSH and LH, which are essential for reproductive fun ction. This gene can serve as a genetic marker for litter size in goat breeding.

Target/Biomarker	Caprine GnRH1
Target Synonym	GNRH1; GRH; HH12; LHRH; LNRH; Luliberin
Gene ID	102180494

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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.

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