

Bovine Kisspeptin 1 (KISS1) ELISA Kit-Competitive

Cat. No.: EK8F462

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Bovine Kisspeptin 1 (KISS1) ELISA Kit-Competitive is designed for the quantitative determination of Bovine Kisspeptin 1 (KISS1) 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 Bovine Kisspeptin 1 (KISS1) is available. Please inquiry for more information.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Bovine KISS1.
Target Species	Bovine
Species Reactivity	Bovine
Detection Range	12.5-1000 pg/mL
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 90 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids.

Target Information

Bovine KiSS-1 metastasis suppressor is encoded by the *KISS1* gene in cattle. Kisspeptin is considered an essential factor in stimulating pulsatile GnRH secretion from the hypothalamus. Mutations in the kisspeptin gene and its receptor can cause hypogonadotropic hypogonadism in some species. Research has shown that Kiss1 expression in the arcuate nucleus of the hypothalamus is reduced in dairy cows with reduced fertility.

Target/Biomarker	Bovine KISS1
Target Synonym	KiSS-1 metastasis suppressor; metastasis-suppressor KiSS-1; Kiss1 metastasis-suppressor
Gene ID	615613

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.