

Equine Luteinizing Hormone Beta (LHB) ELISA Kit-Sandwich

Cat. No.: EK9F137

Product Type: Animal Immunoassay Kits

Size: 48T;96T

Product Overview

BioVenic Equine LHB ELISA Kit-Sandwich is designed for the quantitative determination of Horse Luteinizing Hormone (LH) in serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, 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 Equine LHB.
Target Species	Equine
Species Reactivity	Equine
Detection Range	2-100 mIU/mL
Sensitivity	0.6 mIU/mL
Recovery	85%-105%
Reproducibility	Intra-Assay: CV < 10%; Inter-Assay: CV < 10%
Assay Time	Around 180 min
Sample Requirement	Serum, plasma, tissue homogenate, cell culture supernatant, cell lysate, and other biological fluids.

Target Information

Luteinizing hormone (LH) is a hormone produced by gonadotropin cells in the anterior pituitary gland. The production of LH is regulated by gonadotropin releasing hormone (GnRH) from the hypothalamus. Research indicated that LH and ovarian steroids modulate Prostaglandin (PG) production in equine myometrial and endometrial tissues and affect PG synthase expression at the mRNA level.

Target/Biomarker	Equine LHB
Target Synonym	Luteinizing Hormone; ICSH; Lutropin; Interstitial Cell Stimulating Hormone
Gene ID	100054774

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.