

Equine Lipoteichoic Acids (LTA) ELISA Kit-Competitive

Cat. No.: EK1F597

Product Type: Animal Immunoassay Kits

Size: 96T

Product Overview

BioVenic Equine Lipoteichoic Acids (LTA) ELISA Kit-Competitive is designed for the quantitative determination of Equine Lipoteichoic Acids (LTA) in serum, plasma, tissue homogenate, cell culture supernatant, cell extract, and other biological fluids using a Competitive ELISA method. For research use only.

Specifications

Assay Type	ELISA-Competitive
Specificity	The assay kit is specific for Equine LTA.
Target Species	Equine
Species Reactivity	Equine
Detection Range	0.31-20 ng/mL
Sensitivity	0.13 ng/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

Lipoteichoic acids (LTA) are a major component of the cell wall of gram-positive bacteria. They are polymers of repeating phosphodiester-linked polyols and may contain long chains of ribitol or glycerol phosphate. LTA is anchored to the cell membrane by a diacylglycerol. It influences the activity of autolytic wall enzymes (muramidases). Equine platelets can be activated by LTA. It can stimulate a specific immune response due to its antigenic nature.

Target/Biomarker	Equine LTA
Target Synonym	LTA

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.