

## Bovine Lipoteichoic Acids (LTA) ELISA Kit-Competitive

**Cat. No.:** EK1F592

**Product Type:** Animal Immunoassay Kits

**Size:** 96T

### Product Overview

BioVenic Bovine Lipoteichoic Acids (LTA) ELISA Kit-Competitive is designed for the quantitative determination of Bovine 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 Bovine LTA.
Target Species	Bovine
Species Reactivity	Bovine
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 constituent 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. In bovine primary mammary epithelial cells, the limited and unsustainable cytokine response to LTA may explain why mastitis caused by gram-positive bacteria has greater potential for chronic intra-mammary infection than gram-negative infection.

Target/Biomarker	Bovine 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).

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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.