

Native *S. aureus* LTA Protein

Cat. No. LTA-14S Lot. No. (See product label)

SPECIFICATION

Product Overview
Lipoteichoic acid from *Streptococcus pyogenes*.
CAS Number: 56411-57-5
MDL number: MFCD00131526
NACRES: NA.25

Species S.aureus

Description
Lipoteichoic acid (LTA) is a major immunostimulatory component of Gram-positive bacteria. LTA shares many of the biochemical and physiological properties of the LPS of gram-negative bacteria. LTA is responsible for causing gram-positive sepsis. Like LPS, LTA is an amphiphile formed by a hydrophilic polyphosphate polymer linked to a neutral glycolipid. LTA stimulates immune cells through TLR2 to produce TNF- α and other inflammatory cytokines.

Form Lyophilized powder


Storage 2-8 centigrade

Shipping Ambient


GENE INFORMATION

Official Symbol LTA

Synonyms Lipoteichoic acid; LTA

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