

Native *S. aureus* LTA Protein

Cat. No. LTA-18S Lot. No. (See product label)

SPECIFICATION


Product Overview	LTA purified from <i>S. aureus</i> (LTA-SA) with the EndoFit™ grade (<0.001 EU/μg).
Species	<i>S.aureus</i>
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.
Endotoxin	< 0.001 EU/μg
Stability	The product is stable for 1 month at 4 centigrade and 6 months at -20 centigrade when properly stored.
Storage	Stored at -20 centigrade. Upon resuspension, store LTA-SA at 4 centigrade for short-term storage or at -20 centigrade for long storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipped at room temperature

GENE INFORMATION

Official Symbol	LTA
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Synonyms

Lipoteichoic acid; LTA

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