



Native Staphylococcus aureus lipoteichoic acid (DAG2425)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Native lipoteichoic acid (LTA) purified from Staphylococcus aureus. LTA is a linear polymer of phosphodiester-linked glycerol phosphate covalently attached to lipid. The lipid binds hydrophobically to the cell membrane and the polyglycerol phosphate portion
Species	Bacteria
Purity	Protein G purified
Conjugate	Unconjugated
Applications	ELISA
Concentration	1 mg/ml
Size	1 mg
Buffer	Phosphate buffered saline, pH 7.4
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

Introduction	Cytokine that in its homotrimeric form binds to TNFRSF1A/TNFR1, TNFRSF1B/TNFR and TNFRSF14/HVEM. In its heterotrimeric form with LTβ binds to TNFRSF3/LTβR. Lymphotoxin is produced by lymphocytes and cytotoxic for a wide range of tumor cells in vitro and in vivo.
Keywords	LTA; lymphotoxin alpha; LT; TNFβ; TNFSF1; lymphotoxin-alpha; LT-alpha; TNF-beta; TNF

superfamily, member 1; tumor necrosis factor beta; tumor necrosis factor ligand superfamily member 1;
