

Product datasheet for **AR05003PU-N**

Lipoteichoic Acid (LTA) Bacterial Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Lipoteichoic Acid (LTA) bacterial protein, 1 mg
Species:	Bacterial
Concentration:	lot specific
Purity:	Phenolic extraction
Buffer:	Presentation State: Purified State: Liquid purified without preservatives or stabilisers
Preparation:	Liquid purified from <i>S. aureus</i>
Applications:	ELISA: When coating use 10 ng-1 µg/well.
Protein Description:	Native lipoteichoic acid (LTA) purified from <i>Staphylococcus aureus</i> . CAS Number: 56411-57-5
Storage:	Upon receipt, store undiluted (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Summary:	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 extends into the cell wall. The biological role of LTA is not fully understood but when expressed on the cell exterior it is thought to act as an adhesin.



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