

AR05003PU-N**Bacterial Lipoteichoic Acid (LTA) - Purified****Alternate names:**

LTA

Quantity:

1 mg

Concentration:

1.0 mg/ml

Background:

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.

Species:

Bacterial

Source:

Bacterial

Format:**State:** Liquid purified**Purity:** Phenolic extraction**Applications:****ELISA:** When coating use 10 ng-1 µg/well.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Description:Native lipoteichoic acid (LTA) purified from *Staphylococcus aureus*.**CAS Number:** 56411-57-5**Storage:**

Upon receipt, store undiluted (in aliquots) at -20°C.

Avoid repeated freezing and thawing.

Shelf life: one year from despatch.