

Product Information

Lipopolysaccharide, TRITC labeled

CAT#: LPS-01TC

Product Information

Description/Features	Lipopolysaccharides (LPS) or endotoxins are complex macromolecules present on the outer cell walls of gram negative bacteria. The structural core of LPS, and the primary determinant of its biological activity, is the N-acetylglucosamine derivative, lipid A. Endotoxins are responsible for various signal transduction pathways including those involving protein kinase C and protein myristylation as well as for stimulating a variety of immunochemical responses including B lymphocyte and G-protein activation.
Formulation	1mg in dry form
Color	Red
Ex/Em Wavelength	546nm/570nm
Labeling Ratio	1-3 TRITC per LPS
Conjugate	TRITC
Package	1mg
Application	Fluorescent conjugates of LPS will help researchers to follow LPS binding and transport processes, cell internalization studies.
Storage	Store at 4°C or lower. Protect from light. Other properties are not known.
Notes	LPS products are potentially pyrogenic. Wear appropriate laboratory attire including a lab coat, gloves and safety glasses. Wash thoroughly any area of the body that comes into contact with LPS product.