



DiO Fluorescent DOTMA Cationic Liposome

Catalog: Lipo-185RG

PRODUCT INFORMATION

Name DiO Fluorescent DOTMA Cationic Liposome

Cat No. Lipo-185RG

Product Overview Cationic liposomes are traditionally used for the delivery of genetic materials such as various types of DNA (pDNA, cDNA, CpG DNA, oligonucleotide, antisense oligonucleotide, etc.), various types of RNA such as (siRNA, mRNA, etc.) and nucleic acid mimics (NAMs). DOTMA is a kind of lipid which has one positive charge per MOLECULE. Using DOTMA in liposome can neutralize the negative charge of pDNA with positive charge of cationic lipids in order to capture more plasmid efficiently mainly due to electrostatic interaction and deliver them into the cells.

Lipid Composition DOTMA (2mM) 1,2-di-O-octadecenyl-3-trimethylammonium propane (chloride salt)(DOTMA)

Form Liquid

Storage Buffer Deionized RNase-free Water, pH 7

Concentration Lipid Concentration 2mM

Stability 2 months

Storage 2 °C to 8 °C (do not freeze)
