



# DOPC/CHOL Liposomes (100nm), Marina Blue-DHPE labeled

**Catalog: DOPC-019L**

## PRODUCT INFORMATION

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<b>Name</b>	DOPC/CHOL Liposomes (100nm), Marina Blue-DHPE labeled
<b>Cat No.</b>	DOPC-019L
<b>Product Overview</b>	<p>The liposomes are prepared by the extrusion method to 100nm with very tight particle size distribution. The product is sterile filtered and filled in sterile vials guaranteed to be stable for 6 months stored refrigerated. The phospholipid, Marina Blue DHPE is labeled on the head group with the blue-fluorescent Marina Blue fluorophore with excitation/emission maxima ~365/460 nm.</p> <p>Lipid composition: DOPC/CHOL/MB-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 100 nm (90-120 nm)</p>
<b>Lipid Composition</b>	DOPC; CHOL; MB-DHPE
<b>Application</b>	Liposome production; Synthetic lipid
<b>Storage Buffer</b>	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.5 ± 0.2
<b>Concentration</b>	Lipid concentration: 50 mM (50-55 mM) Marina Blue DHPE: 0.5 mM (0.50 mg/mL)
<b>Stability</b>	6 Month for unopened vials.
<b>Storage</b>	Store at 2-8 centigrade.
<b>Synonyms</b>	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol