



# DOPC/CHOL Liposomes (300nm), Texas Red DHPE labeled

**Catalog: DOPC-031L**

## PRODUCT INFORMATION

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<b>Name</b>	DOPC/CHOL Liposomes (300nm), Texas Red DHPE labeled
<b>Cat No.</b>	DOPC-031L
<b>Product Overview</b>	<p>The liposomes are prepared by the extrusion method to 300nm with very tight particle size distribution. The product is sterile filtered through 0.45um and filled in sterile vials guaranteed to be stable for 3 months when stored in refrigerator. The phospholipid, Texas Red® 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt (Texas Red® DHPE) is labeled on the head group with the bright, red-fluorescent Texas Red® dye (excitation/emission maxima ~595/615 nm).</p> <p>Lipid composition: DOPC/CHOL/TR-DHPE (54:45:1 mol/mol)</p> <p>Mean particle size: 280 nm (250-320 nm)</p>
<b>Lipid Composition</b>	DOPC; CHOL; TR-DHPE
<b>Application</b>	Liposome production; Synthetic lipid
<b>Storage Buffer</b>	Hydration buffer: 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2
<b>Concentration</b>	<p>Lipid concentration: 50 mM (50-55 mM)</p> <p>Texas Red DHPE: 0.5 mM (0.54 mg/mL)</p>
<b>Stability</b>	3 Month for unopened vials, protect from light.
<b>Storage</b>	Store at 2-8 centigrade.
<b>Synonyms</b>	DOPC; 1,2-dioleoyl-sn-glycero-3-phosphocholine; CHOL; cholesterol