

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

Code No. : F60103F2-TR

Size : 1 ml & 5 ml

### Product Description

#### DOPC/CHOL Liposomes labeled with Texas Red® 488 DHPE (300nm)

High quality LUV liposomes labeled with Texas Red® DHPE (TR-DHPE) are ready to use. 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).

### Specifications

**Lipid composition:** DOPC/CHOL/TR-DHPE (54:45:1 mol/mol)

**Lipid concentration:** 50 mM (50-55 mM)

**Rh-DHPE:** 0.5 nM (0.54 mg/mL)

**Mean particle size:** 280 nm (250-320 nm)

**Hydration buffer:** 10% sucrose, 20mM HEPES, pH 7.3 ± 0.2

**Storage:** in refrigerator (2 - 8 degree C)

**Shelf-life:** 3 month for unopened vials, protect from light

**DOPC:** 1,2-dioleoyl-sn-glycero-3-phosphocholine

**CHOL:** cholesterol

**Texas Red® DHPE:** Texas Red® 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt

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