

## DOPC/CHOL Liposomes labeled with Texas Red DHPE (200nm)

Code No. : F60103F2-TR

Size : 1 ml & 5 ml

### Product Description

#### DOPC/CHOL Liposomes labeled with Texas Red® 488 DHPE (200nm)

High quality LUV liposomes labeled with Texas Red® DHPE (TR-DHPE) are ready to use. The liposomes are prepared by the extrusion technology to 200-250nm 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:** 230 nm (200-250 nm, intensity weighted lognormal per DSL)

**Particle size distribution:** 80-100nm (half-width)

**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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