

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

Code No. : F60103F2-P

Size : 1 ml & 5 ml

### Product Description

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

High quality LUV liposomes labeled with Rhodamine DHPE (Rh-DHPE) are ready to use. The liposomes are prepared by extrusion to 200-250nm with tight particle size distribution. The product is sterile filtered through 0.45um filters and filled in sterile vials guaranteed for 3 months shelf-life properly stored in refrigerator. Rh--DHPE is a phospholipid labeled on the head group with the red-fluorescent rhodamine B fluorophore with excitation/emission maxima ~560/580 nm.

#### Specifications

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

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

**Rh-DHPE :** 0.5 nM (0.67 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 7.5 ± 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

**Rhodamine DHPE :** Lissamine™ rhodamine B 1,2-dihexadecanoyl-sn-glycero-3-phosphoethanolamine, triethylammonium salt

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